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FUME CUPBOARDS

CUPBOARDS AND CABINETS
FOR HFL STORAGE (HIGHLY
FLAMMABLE LIQUID)

SINKS WITH GLASSWARE
RACKS TABLES PEDESTALS

CHAIRS, STOOLS

FURNITURE FOR
MANUFACTURING
FACILITIES

METAL LABORATORY FURNITURE «Analytica»



Аналитика
металлическая лабораторная мебель

www.analytica-lab.ru



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ABOUT US

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Аналитика

металлическая лабораторная мебель

The laboratory furniture «Analytica» has been manufacturing in our factory since 1999. Several thousands of laboratories were equipped by specialists of our company during the time. Sales geography includes all regions of Russia, neighboring countries and beyond.

«ANALYTICA» TODAY – IS



More than 100 specialists



More than 40 equipment units



Big machine-tool fleet, including modern Laser Cutting Machine and Sheet Metal Folding Machine Trumpf, all operations are carried out using our own resources



More than 1000 square meters of production and storage area



Instrumental quality control throughout all production stages



Own engineering department for development of perspective and nonstandard products



WHY «ANALYTICA»



All products can be completely disassembled; the products are made of metal 50 x 25 mm and sheet steel 1,2 mm

We never use melamine, laminated plastic, wood chip boards and glass as elements of construction

All products are coated by epoxy powder paint, taking into consideration preliminary phosphatizing and application of zinc-rich coating. These methods allow to extend service lifetime up to 20 years.



We use only imported, high-quality components: solid ceramics Systemceram, Durcon, laboratory plastic Wilsonart, taps Carlos Arboles, lighting fixtures Glamox etc. we also apply resources to the wheels – the products are completed by Tellure Rota (Italy).

There is a huge base of special nonstandard industry solutions: fume cupboards for special analysis (GOST 11851 method a, GOST 2177 etc.), tables for equipment (chromatographs, dish washing machines), unique (for Russian market) self-engineered products– cupboards for HFL storage, ventilation control monitors.



ENGINEERING AND SERVICE



FOR USERS

Our specialists will help to choose the best possible set of laboratory furniture, taking into consideration the objectives and methods, being implemented. We will also prepare furniture arrangement diagrams, including utility connection points and photorealistic design project. Layout of premises is necessary for this purpose, we can also take measurements, if required.

FOR COMPANIES

We can provide total base of 3D-models of products in AutoCAD and 3D-max formats, upon a request. The models can be easily exported for the following BIM-engineering. All technical information, necessary for utility services engineering, will be provided upon a request.

CERTIFICATION



The products have all necessary permission documentation:

Certificate of Conformity GOST 16371-2014
TR CU Declaration 025/2012

Voluntary Fire Certificate

Fire-Resistance Certificate 90 minutes for
cupboards and cabinets for HFL storage

TR CU Declarations for low-voltage and
explosion-proof equipment

Declarations DIN EN 61010-1: 2001

Our company was the first one in Russia to design fume cupboards in accordance with DIN EN standards. This is confirmed by declarations.

All fume cupboards were successfully tested in accredited laboratories.

PACKAGING



The products are sent disassembled, packed into wood chip board boxes and carton, storage cupboards are on pallets. Enlargement of the product is possible, if necessary. If containerization or maritime package is required – please, specify at order.

DELIVERY



We work with all transport companies and can dispatch the consignment to any point of Russia and foreign countries, there is also a big motor vehicle fleet of our own.

INSTALLATION



You can assemble the furniture by your own in accordance with detailed step-by-step instruction. If necessary, we can undertake the assembly - there is a staff of qualified service engineers with longstanding professional experience in our company.

WARRANTY



Standard warranty – 2 years from the date of installation, the warranty can be extended up to 5 years. In all dispute cases we try to take a side of the user.

PREPARATION OF MATERIALS AND COMPONENTS

TECHNOLOGICAL STAGES:

- 6 Thermal treatment
- 5 Epoxy paint application
- 4 Zinc rich coating
- 3 Phosphatizing
- 2 Ungreasing
- 1 Sheet steel 1,2 mm

CONSTANT QUALITY CONTROL OF



- ▶ External appearance
- ▶ Coating thickness
- ▶ Party samples for strikes
- ▶ Samples for bend
- ▶ Samples for adhesion

**ELECTRICITY**

Schneider Electric (Франция)



- » Splash proof IP44 with grounding
- » Automatic power off system
- » Electric shock protection — Class I according to GOST 12.2.007.0-75.
- » LED-lamps IP65

**SEWAGE**

The furniture with provided water supply system, is equipped with plastic syphons, outlets and corrugated tubes for connection to the sewage system.

Опция

Systemic sewage furniture is performed in corrosion-resistant design. Syphon, outlet and tubes are made of stainless steel and Teflon.

**GAS SUPPLY**

Carlos Arboles (Spain)



Special laboratory valves with polymer coating are applied. Gas connections are performed by copper tubes, the tubes can be substituted for stainless steel, as per customer requirements (please, refer to work with gases, page 79). Valve color marking is in accordance with DIN.

**ACCESSORIES**

Tellure Rota (Italy)



Pedestals and mobile tables are equipped with metal wheels with the rim, made of soft rubber, which does not leave marks on the floor. Front wheels of the pedestals and tables are equipped with locks, which prevent movement.

**DRYERS**

«EPACT» Company (Russia)

Polypropylene for 36 and 72 inserts.

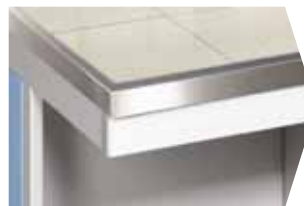
**WATER SUPPLY**

Carlos Arboles (Spain)



We apply taps and mixer taps in special laboratory design with polymer coating, protecting from corrosion. Flexible supply hoses are performed in braid, which is made of stainless steel.

WORKTOPS



CERAMIC GRANITE TILES



Worktop made of ceramic granite tile 300 x 300, glued on basics with the help of chemical resistant polyurethane adhesive. The lower side of the worktop is protected by steel sheet. Anti-spill edging along the contour of the worktop is made of stainless steel, height - 10 mm. It is possible to make ceramic granite tile in size 1200 x 600 mm.



Advantages

Affordable and useful variant, exhibits high chemical resistance.



Disadvantages

Existence of joints. Concentrated solutions of acids leave spots.



LABORATORY PLASTIC WILSONART



High pressure laboratory plastic, with chemical-resistant protective layer. It is possible to make an edging on perimeter, height - 9 mm.



Advantages

Suitable for typewritten and mechanical work, for pharmaceuticals and microbiological research.



Disadvantages

The plastic is not suitable for aggressive environments. Concentrated solutions of acids leave spots.



STAINLESS STEEL



Stainless steel sheet, thickness - 1,5 mm, grades AISI 304 or 323, laid on support plate. On perimeter and on the bottom the worktop is edged with stainless steel, height - 10 mm



Advantages

Robustness against organic solvents attack. Chemical and thermal resistance



Disadvantages

Concentrated solutions of acids leave spots.



SOLID CERAMIC SYSTEMCERAM



Solid ceramic from the best European manufacturer. It is represented as an integral worktop, made of glazed solid ceramic, obtained in firing process of ceramic mixture of special composition at a temperature of 1200–1300 °C.



Advantages

Perfect chemical resistance.



Disadvantages

Not suitable for fluohydric acid.



COMPOSITE MATERIAL DURCON



Worktop is made of epoxy resin with mineral additives.



Advantages

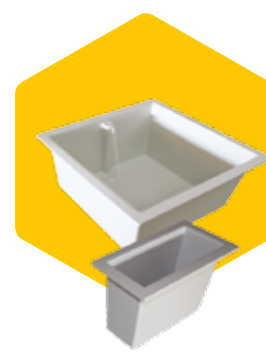
Resistant to long-term effect of chemical reagents and temperature up to 300 °C.



Disadvantages

Concentrated solutions of acids leave spots. There can appear damages when working with abrasives. Oil and bitumen cannot be completely washed.

SINKS



STAINLESS STEEL

Molded sinks made of stainless steel AISI 304

CERAMIC

Molded sinks made of commercial glazed ceramic Systemceram

DURCON

Molded sinks made of epoxy resin with mineral additives

POLYPROPYLENE

The sinks are resistant to concentrated acids, alkalies and organic solvents attack



THE SINKS ARE INTEGRATED INTO WORKTOPS FROM:

керамогранитной плитки, лабораторного пластика

Stainless steel

Solid ceramic

Durcon

—





LABORATORY TABLES

WALL TYPE TABLES

Laboratory table / Writing table	14
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ISLAND TABLES

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Chemistry island table	28

SPECIAL TABLES

Titration table	32
Low / High mobile table	34
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Laboratory computer table	38



LABORATORY TABLE / WRITING TABLE

SL / SLP

Pay attention to
the height of rolling
pedestals at order



PLEASE, PAY ATTENTION!
Overall dimensions have been
changed **Pages 16-17**

Available worktops:

- ▶ Ceramic granite tiles
- ▶ Solid ceramic
- ▶ Durcon Polymer
- ▶ Laboratory plastic
- ▶ Stainless steel



BASIC ADVANTAGES:

- » Wide dimension range, non-standard dimensions can be agreed at order
- » Simple clean design with radius plugs and color inserts
- » Load on worktop is up to 250 kg
- » Wide range of accessories and performances



Table corner design
is possible

LABORATORY TABLE / WRITING TABLE (SL / SLP)



YOU CAN BE INTERESTED IN:

PEDESTALS
Rolling, hanging

p. 46-47



CHAIRS AND
STOOLS

p. 48-49



Laboratory table is the basic element of any laboratory, which is suitable for typewritten works and analysis. Robust C-type structure, made of profile 50 x 25 x 1,5 mm, allows to withstand loads up to 250 kg in the standard design. The tables are painted light grey RAL 7035. In combination with dark-grey plugs, light-blue inserts decorate and complement the construction.



Electrical unit can be optionally installed



Improved construction for heavy equipment



Drawers can be optionally installed

ADDITIONAL OPTIONS AND ACCESSORIES:

Option	Designation	Description	Example
Electrical unit	E	4 splash-proof sockets, automatic circuit-breaker 25 A, mounting above or under the worktop, number of sockets and capacity are discussed at order	SL-P1500E
Drawer under worktop	Ya	Quantity – not more than 3 pcs. Please, pay your attention to compatibility with rolling pedestals (height limitation)	SL-P1500Я-Ya2
Improved construction	U	Load up to 350 kg, P-type structure	SL-P1500U
Bottom shelf	PPT / PM	Bottom shelf made of plastic / metal	SL-P1200PPT / 1200PM

Example:
SL-P1500E-Ya2

Laboratory table 1500 x 600 x 900 mm, worktop - ceramic granite, electrical unit, 2 drawers under worktop

LABORATORY TABLE / WRITING TABLE (SL / SLP)

LABORATORY TABLES / WRITING TABLES (SL / SLP)			
Cat. №		Overall dimensions, mm	Worktop
Height 750 mm	Height 900 mm		
SLP-PT600	SL-PT600	600 x 600 x 750 / 900	Laboratory plastic
SLP-PT900	SL-PT900	900 x 600 x 750 / 900	
SLP-PT1200	SL-PT1200	1200 x 600 x 750 / 900	
SLP-PT1500	SL-PT1500	1500 x 600 x 750 / 900	
SLP-PT1800	SL-PT1800	1800 x 600 x 750 / 900	
SLP-P600	SL-P600	600 x 600 x 750 / 900	Ceramic granite tiles
SLP-P900	SL-P900	900 x 600 x 750 / 900	
SLP-P1200	SL-P1200	1200 x 600 x 750 / 900	
SLP-P1500	SL-P1500	1500 x 600 x 750 / 900	
SLP-P1800	SL-P1800	1800 x 600 x 750 / 900	
SLP-N600	SL-N600	600 x 600 x 750 / 900	Stainless steel
SLP-N900	SL-N900	900 x 600 x 750 / 900	
SLP-N1200	SL-N1200	1200 x 600 x 750 / 900	
SLP-N1500	SL-N1500	1500 x 600 x 750 / 900	
SLP-N1800	SL-N1800	1800 x 600 x 750 / 900	
SLP-k600	SL-k600	600 x 600 x 750 / 900	Solid ceramic without edging
SLP-k900	SL-k900	900 x 600 x 750 / 900	
SLP-k1200	SL-k1200	1200 x 600 x 750 / 900	
SLP-k1500	SL-k1500	1500 x 600 x 750 / 900	
SLP-k1800	SL-k1800	1800 x 600 x 750 / 900	
SLP-K600	SL-K600	600 x 600 x 750 / 900	Solid ceramic with edging
SLP-K900	SL-K900	900 x 600 x 750 / 900	
SLP-K1200	SL-K1200	1200 x 600 x 750 / 900	
SLP-K1500	SL-K1500	1500 x 600 x 750 / 900	
SLP-K1800	SL-K1800	1800 x 600 x 750 / 900	
SLP-d600	SL-d600	600 x 600 x 750 / 900	Durcon without edging
SLP-d900	SL-d900	900 x 600 x 750 / 900	
SLP-d1200	SL-d1200	1200 x 600 x 750 / 900	
SLP-d1500	SL-d1500	1500 x 600 x 750 / 900	
SLP-d1800	SL-d1800	1800 x 600 x 750 / 900	
SLP-D600	SL-D600	600 x 600 x 750 / 900	Durcon with edging
SLP-D900	SL-D900	900 x 600 x 750 / 900	
SLP-D1200	SL-D1200	1200 x 600 x 750 / 900	
SLP-D1500	SL-D1500	1500 x 600 x 750 / 900	
SLP-D1800	SL-D1800	1800 x 600 x 750 / 900	

LABORATORY TABLE / WRITING TABLE (SL / SLP)

LABORATORY TABLES / WRITING TABLES OF NON-STANDARD DEPTH (SLg / SLPg)			
Cat. №		Overall dimensions, mm	Worktop
Height 750 mm	Height 900 mm		
SLPg-PT600	SLg-PT600	600 x 750 x 750 / 900	Laboratory plastic
SLPg-PT900	SLg-PT900	900 x 750 x 750 / 900	
SLPg-PT1200	SLg-PT1200	1200 x 750 x 750 / 900	
SLPg-PT1500	SLg-PT1500	1500 x 750 x 750 / 900	
SLPg-PT1800	SLg-PT1800	1800 x 750 x 750 / 900	
SLPg-P600	SLg-P600	600 x 750 x 750 / 900	Ceramic granite tiles
SLPg-P900	SLg-P900	900 x 750 x 750 / 900	
SLPg-P1200	SLg-P1200	1200 x 750 x 750 / 900	
SLPg-P1500	SLg-P1500	1500 x 750 x 750 / 900	
SLPg-P1800	SLg-P1800	1800 x 750 x 750 / 900	
SLPg-N600	SLg-N600	600 x 750 x 750 / 900	Stainless steel
SLPg-N900	SLg-N900	900 x 750 x 750 / 900	
SLPg-N1200	SLg-N1200	1200 x 750 x 750 / 900	
SLPg-N1500	SLg-N1500	1500 x 750 x 750 / 900	
SLPg-N1800	SLg-N1800	1800 x 750 x 750 / 900	

LABORATORY TABLES / WRITING CORNER TABLE (SLu / SLPu)			
Cat. №		Overall dimensions	Worktop
Height 750 mm	Height 900 mm		
SLPu-PT1200	SLu-PT1200	1200 x 900/600 x 750 / 900	Laboratory plastic
SLPu-PT1500	SLu-PT1500	1500 x 1200/600 x 750 / 900	
SLPu-P1200	SLu-P1200	1200 x 900/600 x 750 / 900	Ceramic granite tiles
SLPu-P1500	SLu-P1500	1500 x 1200/600 x 750 / 900	



LABORATORY PEDESTAL TABLE / TABLE FOR OFFICE EQUIPMENT STT / STTN



Possible execution with drawers
in different variations

Door



Drawer



Combined



BASIC ADVANTAGES:

- » Wide range of dimensions
- » Wide choice of additional accessories

LABORATORY PEDESTAL TABLE / TABLE FOR OFFICE EQUIPMENT (StT / StTn)



LABORATORY PEDESTAL TABLE (StT)

This is a basic and universal element of any laboratory, which combines working and storage spaces. Basic variant is executed with doors.

PEDESTAL TABLE FOR OFFICE EQUIPMENT (StTn)

Pedestal tables are designed for placement of office equipment in laboratory. It is a convenient table with doors and an inner shelf.

LABORATORY PEDESTAL TABLES / TABLES FOR OFFICE EQUIPMENT (STT / STTN)

Cat. №		Overall dimensions, mm	Worktop
Height 750 mm	Height 900 mm		
StTn-PT600	StT-PT600	600 x 600 x 750 / 900	PT — Laboratory plastic
StTn-PT900	StT-PT900	900 x 600 x 750 / 900	
StTn-PT1200	StT-PT1200	1200 x 600 x 750 / 900	
StTn-PT1500	StT-PT1500	1500 x 600 x 750 / 900	
StTn-PT1800	StT-PT1800	1800 x 600 x 750 / 900	
—	StT-P/N600	600 x 600 x 900	P — Ceramic granite tiles N — Stainless steel
—	StT-P/N900	900 x 600 x 900	
—	StT-P/N1200	1200 x 600 x 900	
—	StT-P/N1500	1500 x 600 x 900	
—	StT-P/N1800	1800 x 600 x 900	
—	СтТ-к/К600	600 x 600 x 900	k — Solid ceramic without edging K — Solid ceramic with edging
—	СтТ-к/К900	900 x 600 x 900	
—	СтТ-к/К1200	1200 x 600 x 900	
—	СтТ-к/К1500	1500 x 600 x 900	
—	СтТ-к/К1800	1800 x 600 x 900	
—	СтТ-д/Д600	600 x 600 x 900	d — Durcon without edging D — Durcon with edging
—	СтТ-д/Д900	900 x 600 x 900	
—	СтТ-д/Д1200	1200 x 600 x 900	
—	СтТ-д/Д1500	1500 x 600 x 900	
—	СтТ-д/Д1800	1800 x 600 x 900	

ADDITIONAL OPTIONS AND ACCESSORIES:

Опция	Обозначение	Описание	Пример
Electrical unit	E	4 брызгозащищенные розетки, автомат 25А	StT-P1200-E
Drawer	Ya	Available configurations: Section for 600 mm: door, 3 drawers / door, 4 drawers	StT-P1200-Ya
Trapezoidal worktop	TR	Применяется в качестве торцевого стола к столам островным	StT-P1200-TR

Example:

StT-P1200-Ya3-D1

Laboratory pedestal table 1200 x 600 x 900 mm, ceramic granite tiles, one section — door, another section — three pullout drawers



PHYSICS WALL TYPE TABLE SPF

Pay attention
to the height of rolling
pedestals at order



Please, pay attention!

The construction and overall
dimensions have been changed
Page 22-23

Shelves, 200 mm wide, increase
useful area of working space

Number of sockets in electrical
unit - At the request of the customer

Completed with local lighting
luminaire

Available worktops:

- ▶ Ceramic granite tiles
- ▶ Solid ceramic
- ▶ Durcon polymer
- ▶ Laboratory plastic
- ▶ Stainless steel



BASIC ADVANTAGES:

- » New construction with segmented cable-duct, user can install additional sockets, including USB and RJ45, by his own
- » Boltless fastening of shelves with height adjustment
- » High illumination of the whole working space
- » Wide choice of versions and accessories

PHYSICS WALL TYPE TABLE (SPF)



Wall-type physics table is irreplaceable when using instrumental methods of analysis. This table allows to organize the workplace of laboratory assistant in safe and convenient way. It is represented as laboratory table, complemented by service desk with two shelves and electrical unit (automatic circuit-breaker, 2 sockets).



Easy adjustment of suspended shelves height



Number of sockets can be optionally increased

YOU CAN BE INTERESTED IN:

PEDESTALS
Rolling, hanging

p. 46-47



CHAIRS AND
STOOLS

p. 48-49



FUME
HOODS

p. 76-77



ADDITIONAL OPTIONS AND ACCESSORIES:

Option	Designation	Description	Example
Electrical socket	E	Additional splash-proof socket	SPF-PT1500-E2
Drawer under worktop	Ya	Overall dimensions: 600/900 x 600 x 200 mm	SPF-PT1500-YA2
Strengthening	U	Load up to 350 kg, P-shaped structure	SPF-PT1500-U
Feed lines	G, SZH, A, VK	Gas (G), compressed air (SZH), nitrogen (A), vacuum (VK)	SPF-PT1500-A-SZH
Luminaire	Ex	Luminaire in explosion-proof housing	SPF-PT1500-EX
Foundation pedestal table	STPF	Foundation pedestal table, width 1200 mm, two doors	SPF-STPF-1200
		Foundation pedestal table, width 1500 mm, two doors	SPF-STPF-1500
	STPFYA	Foundation pedestal table, width 1200 mm, door, three drawers	SPF-STPFYa-1200
		Foundation pedestal table, width 1500 mm, door, three drawers	SPF-STPFYa-1500
Hanging cupboard	SHN	Overall dimensions: 1200 x 330 x 450 mm	SPF-SHN-1200
		Overall dimensions: 1500 x 330 x 450 mm	SPF-SHN-1500

Example:
SPF-STPF -PT1200-EX

Wall type physics table 1200 x 830 x 900 / 2135 mm, worktop – laboratory plastic, foundation – pedestal table with two doors, explosion-proof luminaire

PHYSICS WALL TYPE TABLE (SPF)

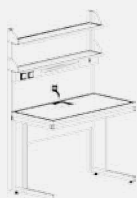
PHYSICS WALL-TYPE TABLES, LOW (height 750 mm) (SPFn)		
Cat. №	Overall dimensions, mm	Worktop
SPFn-PT900	900 x 680 x 750 / 2135	Laboratory plastic
SPFn-PT1200	1200 x 680 x 750 / 2135	
SPFn-PT1500	1500 x 680 x 750 / 2135	
SPFn-PT1800	1800 x 680 x 750 / 2135	
SPFn-P900	900 x 680 x 750 / 2135	Ceramic granite tiles
SPFn-P1200	1200 x 680 x 750 / 2135	
SPFn-P1500	1500 x 680 x 750 / 2135	
SPFn-P1800	1800 x 680 x 750 / 2135	
SPFn-N900	900 x 680 x 750 / 2135	Stainless steel
SPFn-N1200	1200 x 680 x 750 / 2135	
SPFn-N1500	1500 x 680 x 750 / 2135	
SPFn-N1800	1800 x 680 x 750 / 2135	
SPFn-k900	900 x 680 x 750 / 2135	Solid ceramic without edging
SPFn-k1200	1200 x 680 x 750 / 2135	
SPFn-k1500	1500 x 680 x 750 / 2135	
SPFn-k1800	1800 x 680 x 750 / 2135	
SPFn-K900	900 x 680 x 750 / 2135	Solid ceramic with edging
SPFn-K1200	1200 x 680 x 750 / 2135	
SPFn-K1500	1500 x 680 x 750 / 2135	
SPFn-K1800	1800 x 680 x 750 / 2135	
SPFn-d900	900 x 680 x 750 / 2135	Durcon without edging
SPFn-d1200	1200 x 680 x 750 / 2135	
SPFn-d1500	1500 x 680 x 750 / 2135	
SPFn-d1800	1800 x 680 x 750 / 2135	
SPFn-D900	900 x 680 x 750 / 2135	Durcon with edging
SPFn-D1200	1200 x 680 x 750 / 2135	
SPFn-D1500	1500 x 680 x 750 / 2135	
SPFn-D1800	1800 x 680 x 750 / 2135	
PHYSICS WALL TYPE TABLES, HIGH (height 900 mm) (SPF)		
Cat. №	Overall dimensions, mm	Worktop
SPF-PT900	900 x 680 x 900 / 2135	Laboratory plastic
SPF-PT1200	1200 x 680 x 900 / 2135	
SPF-PT1500	1500 x 680 x 900 / 2135	
SPF-PT1800	1800 x 680 x 900 / 2135	
SPF-P900	900 x 680 x 900 / 2135	Ceramic granite tiles
SPF-P1200	1200 x 680 x 900 / 2135	
SPF-P1500	1500 x 680 x 900 / 2135	
SPF-P1800	1800 x 680 x 900 / 2135	
SPF-N900	900 x 680 x 900 / 2135	Stainless steel
SPF-N1200	1200 x 680 x 900 / 2135	
SPF-N1500	1500 x 680 x 900 / 2135	
SPF-N1800	1800 x 680 x 900 / 2135	

PHYSICS WALL TYPE TABLE (SPF)

Cat. №	Overall dimensions, mm	Worktop
SPF-k900	900 x 680 x 900 / 2135	Solid ceramic without edging
SPF-k1200	1200 x 680 x 900 / 2135	
SPF-k1500	1500 x 680 x 900 / 2135	
SPF-k1800	1800 x 680 x 900 / 2135	
SPF-K900	900 x 680 x 900 / 2135	Solid ceramic with edging
SPF-K1200	1200 x 680 x 900 / 2135	
SPF-K1500	1500 x 680 x 900 / 2135	
SPF-K1800	1800 x 680 x 900 / 2135	
SPF-d900	900 x 680 x 900 / 2135	Durcon without edging
SPF-d1200	1200 x 680 x 900 / 2135	
SPF-d1500	1500 x 680 x 900 / 2135	
SPF-d1800	1800 x 680 x 900 / 2135	
SPF-D900	900 x 680 x 900 / 2135	Durcon with edging
SPF-D1200	1200 x 680 x 900 / 2135	
SPF-D1500	1500 x 680 x 900 / 2135	
SPF-D1800	1800 x 680 x 900 / 2135	

PHYSICS WALL TYPE TABLES, HIGH (height 900 mm), DEEP (depth 830 mm) (SPFg)

Cat. №	Overall dimensions, mm	Worktop
SPFg-PT900	900 x 830 x 900 / 2135	Laboratory plastic
SPFg-PT1200	1200 x 830 x 900 / 2135	
SPFg-PT1500	1500 x 830 x 900 / 2135	
SPFg-PT1800	1800 x 830 x 900 / 2135	
SPFg-P900	900 x 830 x 900 / 2135	Ceramic granite tiles
SPFg-P1200	1200 x 830 x 900 / 2135	
SPFg-P1500	1500 x 830 x 900 / 2135	
SPFg-P1800	1800 x 830 x 900 / 2135	
SPFg-N900	900 x 830 x 900 / 2135	Stainless steel
SPFg-N1200	1200 x 830 x 900 / 2135	
SPFg-N1500	1500 x 830 x 900 / 2135	
SPFg-N1800	1800 x 830 x 900 / 2135	
SPFg-k900	900 x 830 x 900 / 2135	Solid ceramic without edging
SPFg-k1200	1200 x 830 x 900 / 2135	
SPFg-k1500	1500 x 830 x 900 / 2135	
SPFg-k1800	1800 x 830 x 900 / 2135	
SPFg-K900	900 x 830 x 900 / 2135	Solid ceramic with edging
SPFg-K1200	1200 x 830 x 900 / 2135	
SPFg-K1500	1500 x 830 x 900 / 2135	
SPFg-K1800	1800 x 830 x 900 / 2135	
SPFg-d900	900 x 830 x 900 / 2135	Durcon without edging
SPFg-d1200	1200 x 830 x 900 / 2135	
SPFg-d1500	1500 x 830 x 900 / 2135	
SPFg-d1800	1800 x 830 x 900 / 2135	
SPFg-D900	900 x 830 x 900 / 2135	Durcon with edging
SPFg-D1200	1200 x 830 x 900 / 2135	
SPFg-D1500	1500 x 830 x 900 / 2135	
SPFg-D1800	1800 x 830 x 900 / 2135	



CHEMISTRY WALL TYPE TABLE SPH

Pay attention
to the height of rolling
pedestals at order



Please, pay attention!

The construction and overall
dimensions have been changed
Page 31

Shelves 200 mm wide, increase
useful area of working space

Number of sockets
In electrical unit – at the request of the
customer

Completed with local lighting luminaire

Chemical tables are obligatory
completed with worktops with
anti-spill edging

Available worktops:

- ▶ Ceramic granite tiles
- ▶ Solid ceramic
- ▶ Durcon polymer
- ▶ Laboratory plastic
- ▶ Stainless steel



BASIC ADVANTAGES:

- » New structure with segmented cable-duct, user can install additional sockets, including UsB and rj45, by his own
- » Boltless fastening of shelves with height adjustment
- » High illumination of the whole working space
- » Wide choice of versions and accessories

CHEMISTRY WALL TYPE TABLE (SPH)



Chemistry laboratory table is equipped with water supply system and sewerage system. The table is equipped with standard electrical unit and local lightning luminaire. Chemistry laboratory tables are completed with worktops with anti-spill edging in order to provide personnel protection.

WATER SUPPLY SYSTEM AND SEWERAGE SYSTEM:

- » Wall brass tap with acrylic coating, locked to the top panel;
- » Water feed with braid made of stainless steel, syphon and corrugated tube for effluent disposal.

YOU CAN BE INTERESTED IN:

PEDESTALS
Rolling, hanging

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CHAIRS AND
STOOLS

p. 48-49



FUME
HOODS

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**ADDITIONAL OPTIONS AND ACCESSORIES:**

Option	Designation	Description	Example
Electrical socket	E	Additional splash-proof socket	SPH-PT1500-E2
Drawer under worktop	Ya	Overall dimensions: 600/900 x 600 x 200 mm	SPH-PT1500-YA2
Feed lines	G, SZH, VK, A, B	Gas (G), compressed air (SZH), nitrogen (A), vacuum (VK), water (W)	SPH-PT1500-A-SZH
Luminaire	Ex	Luminaire in explosion-proof housing	SPH-PT1500-Ex
Strengthening	U	Load up to 350 kg, P-type structure	SPH-PT1500-U
Foundation pedestal-table	STPH	Width 1200 mm, two doors	SPH-STPH-1200
		Width 1500 mm, two doors	SPH-STPH-1500
	STPHYa	Width 1200 mm, door, three drawers	SPH-STPHYa-1200
		Width 1500 mm, door, three drawers	SPH-STPHYa-1500
Corrosion-resistant sewage system	KcK	Made if stainless steel and Teflon	SPH-PT1500-KSK
Hanging cupboard	LJIH	Overall dimensions: 1200 x 330 x 450 mm	SPH-ShN-1200
		Overall dimensions: 1500 x 330 x 450 mm	SPH-ShN-1500

Example:

SPH-P1200D-KSK

Chemistry wall type table 1200 x 680 x 900 / 2135 mm, worktop – ceramic granite tiles, sink – Durcon, admission of corrosion-resistant sewage system



PHYSICS ISLAND TABLE SOF

Pay attention
to the height of rolling
pedestals at order



Please, pay attention!

The construction and overall
dimensions have been changed
Page 30

Completeness of the products has been also changed.

Large sized tables are completed with
standard sections, sinks or end-type
tables can be added, when required

Local lightning luminaire

Shelves 200 mm wide increase useful
area of working space

Number of sockets
In the electrical unit – at the request
of the customer

BASIC ADVANTAGES:

- » New structure with segmented cable-duct, user can install additional sockets, including USB and rj45, by his own
- » Boltless fastening of shelves with height adjustment
- » High illumination of the whole working space
- » Wide choice of versions and accessories

PHYSICS ISLAND TABLE (SOF)



YOU CAN BE INTERESTED IN:

PEDESTALS
Rolling, hanging

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CHAIRS AND
STOOLS

p. 48-49



FUME
HOODS

p. 76-77



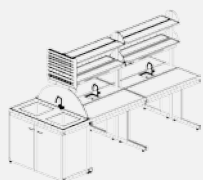
Physics island tables are irreplaceable for instrument testing. The structure is represented as a block of two tables, jointed by service desk with two level shelves, placed on the desk, electrical unit and auxiliary illumination lamps. Physics island table allows to organize the workplace of laboratory assistant in safe and convenient way, having become the basis of your laboratory.

ADDITIONAL OPTIONS AND ACCESSORIES:

Option	Designation	Description	Example
Electrical socket	E	Additional splash-proof socket	SOF-P1200-E2
Drawer under worktop	Ya	Not more than 3 pieces per one section, pay attention to compatibility with rolling pedestals at order (height limitation)	SOF-P1200-Ya2
Feed lines	G, SZH, A, VK, W	Gas (G), compressed air (SZH), nitrogen (A), vacuum (VK), water (W)	SOF-P1200-A-SZh
Luminaire	Ex	Luminaire in explosion proof housing	SOF-P1200-Ex
Titration system	T	Titration system on one of the table's sections	SOF-PT1500T
Anti-vibration plate	SV	Installation in of the table's sections of anti-vibration plate	SOF-PT1500SV
Strengthening	U	Load up to 350 kg, P-type structure	SOF-P1200-U
Foundation pedestal-table	STPH	Width 1200 mm, two doors	SOF-STPH-1200
		Width 1500 mm, two doors	SOF-STPH-1500
	STPHYa	Width 1200 mm, door, three drawers	SOF-STPHYa-1200
		Width 1500 mm, door, three drawers	SOF-STPHYa-1500
Hanging cupboard	SHN	Overall dimensions: 1200 x 330 x 450 mm	SOF-P1200-ShN-1200
		Overall dimensions: 1500 x 330 x 450 mm	SOF-P1200-ShN-1500

Example:
SOF-P1200-Ex

Physics island table 1200 x 1200 x 900 / 2135 mm,
worktop – ceramic granite tiles, explosion proof luminaire



CHEMISTRY ISLAND TABLE SOH

Pay attention
to the height of rolling
pedestals at order



Please, pay attention!

The construction and overall
dimensions have been changed
Page 31

Completeness of the products has been also changed

Large sized tables are completed with
standard sections, sinks or end-type
tables can be added, when required

Bright LED-luminaire

Polypropylene dryer for test tubes
and laboratory glassware

Number of sockets in electrical unit –
at the request of the customer

Worktops with anti-spill edging



BASIC ADVANTAGES:

- » New structure with segmented cable-duct, user can install additional sockets, including USB and RJ45, by his own
- » Boltless fastening of shelves with height adjustment
- » High illumination of the whole working space
- » Wide choice of versions and accessories

CHEMISTRY ISLAND TABLE (SOH)



Chemistry island table is used for chemical researches in laboratories of different profile and can be represented in various combinations: with sinks or with titration screen. This table may consist of several tables in large laboratories.

After installation of the tables, the joints between contacting worktops are treated with chemical-resistant sealing material, as a result there is a united operating area for user.

Operating area of sink and dryer operating area is separated from the table by splash-proof screen, made of triplex safety glass.

YOU CAN BE INTERESTED IN:

PEDESTALS
Rolling, hanging

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CHAIRS AND
STOOLS

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FUME
HOODS

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ADDITIONAL OPTIONS AND ACCESSORIES:

Designation	Option / Description
E	Additional splash proof socket
Ya	Drawer overall dimensions: 600/900 x 600 x 200 mm
G, SZh, A, VK, W	Feed lines: Gas (G), Compressed air (SZh), Nitrogen (A), Vacuum (VK), Water (W)
Ex	Luminaire in explosion proof housing
T	Titration system on one of the table sections
U	Strengthening: load up to 350 kg, P - shaped structure
SV	Installation of anti-vibration plate in one of the table sections
STOH	Pedestal table: width 1200, two doors
	Pedestal table: width 1500, two doors
STOHYa	Pedestal table: width 1200, door, three drawers
	Pedestal table: width 1500, door, three drawers
KSK	Corrosion-resistant sewage system
SHN	Wall hanging cupboard, overall dimensions: 1200/1500 x 330 x 450 mm

SINKS

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ACCESSORIES
CARLOS ARBOLES S-A

p. 81



Пример:

SOH-P1500D-2Ya

Chemistry island table 1200 x 1200 x 900 / 2135 mm, worktop – ceramic granite tiles, sink Durcon, two drawers under worktop

PHYSICS ISLAND TABLE (SOF)

PHYSICS ISLAND TABLES, HIGH (height 900 mm) (SOF), LOW (height 750 mm) (SOFn), DEEP (SOFg)			
Cat. №	Designation	Overall dimensions, mm	Worktop
SOF-PT1200	Physics island table	1200 x 1200 x 900 / 2135	Laboratory plastic
SOF-PT1500		1500 x 1500 x 900 / 2135	
SOFg-PT1200	Physics island table, nonstandard depth	1200 x 1500 x 900 / 2135	
SOFg-PT1500		1500 x 1200 x 900 / 2135	
SOFn-PT1200	Physics island table, low	1200 x 1200 x 750 / 2135	Ceramic granite tiles
SOFn-PT1500		1500 x 1500 x 750 / 2135	
SOF-P1200	Physics island table	1200 x 1200 x 900 / 2135	
SOF-P1500		1500 x 1500 x 900 / 2135	
SOFg-P1200	Physics island table, nonstandard depth	1200 x 1500 x 900 / 2135	Ceramic granite tiles
SOFg-P1500		1500 x 1200 x 900 / 2135	
SOFn-P1200	Physics island table, low	1200 x 1200 x 750 / 2135	
SOFn-P1500		1500 x 1500 x 750 / 2135	
SOF-N1200	Physics island table	1200 x 1200 x 900 / 2135	Stainless steel
SOF-N1500		1500 x 1500 x 900 / 2135	
SOFg-N1200	Physics island table, nonstandard depth	1200 x 1500 x 900 / 2135	
SOFg-N1500		1500 x 1200 x 900 / 2135	
SOFn-N1200	Physics island table, low	1200 x 1200 x 750 / 2135	Solid ceramic without edging
SOFn-N1500		1500 x 1500 x 750 / 2135	
SOF-k1200	Physics island table	1200 x 1200 x 900 / 2135	
SOF-k1500		1500 x 1500 x 900 / 2135	
SOFg-k1200	Physics island table, nonstandard depth	1200 x 1500 x 900 / 2135	Solid ceramic without edging
SOFg-k1500		1500 x 1200 x 900 / 2135	
SOFn-k1200	Physics island table, low	1200 x 1200 x 750 / 2135	
SOFn-k1500		1500 x 1500 x 750 / 2135	
SOF-K1200	Physics island table	1200 x 1200 x 900 / 2135	Solid ceramic with edging
SOF-K1500		1500 x 1500 x 900 / 2135	
SOFg-K1200	Physics island table, nonstandard depth	1200 x 1500 x 900 / 2135	
SOFg-K1500		1500 x 1200 x 900 / 2135	
SOFn-K1200	Physics island table, low	1200 x 1200 x 750 / 2135	Durcon without edging
SOFn-K1500		1500 x 1500 x 750 / 2135	
SOF-d1200	Physics island table	1200 x 1200 x 900 / 2135	
SOF-d1500		1500 x 1500 x 900 / 2135	
SOFg-d1200	Physics island table, nonstandard depth	1200 x 1500 x 900 / 2135	Durcon without edging
SOFg-d1500		1500 x 1200 x 900 / 2135	
SOFn-d1200	Physics island table, low	1200 x 1200 x 750 / 2135	
SOFn-d1500		1500 x 1500 x 750 / 2135	
SOF-D1200	Physics island table	1200 x 1200 x 900 / 2135	Durcon with edging
SOF-D1500		1500 x 1500 x 900 / 2135	
SOFg-D1200	Physics island table, nonstandard depth	1200 x 1500 x 900 / 2135	
SOFg-D1500		1500 x 1200 x 900 / 2135	
SOFn-D1200	Physics island table, low	1200 x 1200 x 750 / 2135	Durcon with edging
SOFn-D1500		1500 x 1500 x 750 / 2135	

CHEMISTRY WALL-TYPE TABLE (SPH)

CHEMISTRY WALL-TYPE TABLES (SPX)			
Cat. №	Overall dimensions, mm	Worktop	Sink
SPH-PT1200p	1200 x 680 x 900 / 2135	Laboratory plastic with edging	Polypropylene
SPH-PT1500p	1500 x 680 x 900 / 2135		Durcon
SPH-PT1200d	1200 x 680 x 900 / 2135		
SPH-PT1500d	1500 x 680 x 900 / 2135		Stainless steel
SPH-PT1200n	1200 x 680 x 900 / 2135		
SPH-PT1500n	1500 x 680 x 900 / 2135	Ceramic granite tiles	Stainless steel
SPH-P1200n	1200 x 680 x 900 / 2135		Durcon
SPH-P1500n	1500 x 680 x 900 / 2135		
SPH-P1200d	1200 x 680 x 900 / 2135		Polypropylene
SPH-P1500d	1500 x 680 x 900 / 2135		Solid ceramic
SPH-P1200p	1200 x 680 x 900 / 2135		
SPH-P1500p	1500 x 680 x 900 / 2135		Solid ceramic
SPH-P1200k	1200 x 680 x 900 / 2135		
SPH-P1500k	1500 x 800 x 900 / 2135	Solid ceramic with edging	Solid ceramic
SPH-K1200k	1200 x 650 x 900 / 2135		
SPH-K1500k	1500 x 680 x 900 / 2135	Durcon with edging	Durcon
SPH-D1200d	1200 x 680 x 900 / 2135		
SPH-D1500d	1500 x 680 x 900 / 2135		

CHEMISTRY ISLAND TABLE (SOH)

CHEMISTRY ISLAND TABLES (SOH)			
Cat. №	Overall dimensions, mm	Worktop	Sink
SOH-PT1200p	1200 x 1500 x 900 / 2135	Laboratory plastic with edging	Polypropylene
SOH-PT1500p	1500 x 1500 x 900 / 2135		Durcon
SOH-PT1200d	1200 x 1500 x 900 / 2135		
SOH-PT1500d	1500 x 1500 x 900 / 2135		Stainless steel
SOH-PT1200n	1200 x 1500 x 900 / 2135		
SOH-PT1500n	1500 x 1500 x 900 / 2135	Ceramic granite tiles	Stainless steel
SOH-P1200n	1200 x 1500 x 900 / 2135		Durcon
SOH-P1500n	1500 x 1500 x 900 / 2135		
SOH-P1200d	1200 x 1500 x 900 / 2135		Polypropylene
SOH-P1500d	1500 x 1500 x 900 / 2135		Solid ceramic
SOH-P1200p	1200 x 1500 x 900 / 2135		
SOH-P1500p	1500 x 1500 x 900 / 2135		Solid ceramic
SOH-P1200k	1200 x 1500 x 900 / 2135		
SOH-P1500k	1500 x 1500 x 900 / 2135	Solid ceramic with edging	Solid ceramic
SOH-K1200k	1200 x 1500 x 900 / 2135		
SOH-K1500k	1500 x 1500 x 900 / 2135	Durcon with edging	Durcon
SOH-D1200d	1200 x 1500 x 900 / 2135		
SOH-D1500d	1500 x 1500 x 900 / 2135		



TITRATION TABLE ST

Pay attention
to the height of rolling
pedestals at order



Please, pay attention!

The construction and overall
dimensions have been changed

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Ergonomic burette clamps are
included in the product package

Frame of corrosion-resistant steel, on
which the burette clamps are fixed

Shelf for titrants

Available worktops:

- ▶ Ceramic granite tiles
- ▶ Solid ceramic
- ▶ Durcon polymer
- ▶ Laboratory plastic
- ▶ Stainless steel

BASIC ADVANTAGES:

- » High illumination of the whole working space
- » Energy saving LED-lamp
- » Wide choice of versions and accessories

TITRATION TABLE (ST)



Titration laboratory table is furnished with special corrosion-resistant shelf, on which the clamps for 6 burettes and special screen-lamp are located.

Titration highlighting is performed by built-in lamp through matte screen, forming soft light, which provides convenient observation of titrant meniscus in titration process

TITRATION TABLE (ST)

Cat. №	Overall dimensions, mm	Worktop
ST-PT1200	1200 x 680 x 900 / 2135	Laboratory plastic
ST-PT1500	1500 x 680 x 900 / 2135	
ST-P1200	1200 x 680 x 900 / 2135	Ceramic granite tiles
ST-P1500	1500 x 680 x 900 / 2135	
ST-k1200	1200 x 680 x 900 / 2135	Solid ceramic without edging
ST-k1500	1500 x 680 x 900 / 2135	
ST-K1200	1200 x 680 x 900 / 2135	Solid ceramic with edging with edging
ST-K1500	1500 x 680 x 900 / 2135	
ST-d1200	1200 x 680 x 900 / 2135	Durcon without edging
ST-d1500	1500 x 680 x 900 / 2135	
ST-D1200	1200 x 680 x 900 / 2135	Durcon with edging
ST-D1500	1500 x 680 x 900 / 2135	
ST-n1200	1200 x 680 x 900 / 2135	Stainless steel
ST-n1500	1500 x 680 x 900 / 2135	

YOU CAN BE INTERESTED IN:

PEDESTALS
Rolling, hanging

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CHAIRS AND
STOOLS

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ADDITIONAL OPTIONS AND ACCESSORIES:

Option	Designation	Description	Example
Electrical socket	E	Additional splash-proof socket	ST-P1200-E2
Bar	SH1	Bar with two holders, limited quantity	ST-P1200-SH1
Shelf for titrants	PT	Located above screen-panel	ST-P1200-PT
Drawer for burettes	Ya	во всю длину стола 1200 мм	ST-P1200-Ya
		во всю длину стола 1500 мм	ST-P1500-Ya

Example

ST-P1200-SH1-PT

Titration table 1200 x 630 x 900/2135 mm, worktop — ceramic granite tiles, additional bar with two holders, shelf for titrants



LOW/HIGH MOBILE TABLE SMN / SMV



Front table wheels are equipped with locks, preventing movement

Worktop load - up to 250 kg

Wheels with gray rubber rim, which doesn't leave markings on the floor

Bottom plate for additional equipment

Available worktops:

- ▶ Ceramic granite tiles
- ▶ Solid ceramic
- ▶ Durcon polymer
- ▶ Laboratory plastic
- ▶ Stainless steel

BASIC ADVANTAGES:

- » An opportunity to strengthen the structure for loads over 250 kg
- » Can be additionally completed with electrical unit, gas lines, built-in cabinets
- » An opportunity of easy movement of the table for equipment maintenance or indoor cleaning

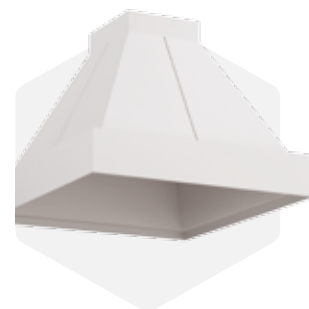
LOW/HIGH MOBILE TABLE (SMN / SMV)



YOU CAN BE INTERESTED IN:

EXHAUST
HOODS

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The table is intended for placement of analytical instrumentation and heavy equipment (up to 250 kg), requiring routine maintenance. The structure of the table consists of worktop, rigid frame, legs and spacers, reinforced frame and wheels.

LOW/HIGH MOBILE TABLES (SMN / SMV)			
Cat. №		Overall dimensions, mm	Worktop
Height 750 mm	Height 900 mm		
SMN-PT / P / N600	SMV-PT / P / N600	600 x 600 x 750 / 900	PT – Laboratory plastic P – Ceramic granite tiles N – Stainless steel
SMN-PT / P / N900	SMV-PT / P / N900	900 x 600 x 750 / 900	
SMN-PT / P / N1200	SMV-PT / P / N1200	1200 x 600 x 750 / 900	
SMN-PT / P / N1500	SMV-PT / P / N1500	1500 x 600 x 750 / 900	
SMN-PT / P / N1800	SMV-PT / P / N1800	1800 x 600 x 750 / 900	
SMN-k / K600	SMV-k / K600	600 x 600 x 750 / 900	k - Solid ceramic without edging K – Solid ceramic with edging
SMN-k / K900	SMV-k / K900	900 x 600 x 750 / 900	
SMN-k / K1200	SMV-k / K1200	1200 x 600 x 750 / 900	
SMN-k / K1500	SMV-k / K1500	1500 x 600 x 750 / 900	
SMN-k / K1800	SMV-k / K1800	1800 x 600 x 750 / 900	
SMN-d / D600	SMV-d / D600	600 x 600 x 750 / 900	d – Durcon without edging D – Durcon with edging
SMN-d / D900	SMV-d / D900	900 x 600 x 750 / 900	
SMN-d / D1200	SMV-d / D1200	1200 x 600 x 750 / 900	
SMN-d / D1500	SMV-d / D1500	1500 x 600 x 750 / 900	
SMN-d / D1800	SMV-d / D1800	1800 x 600 x 750 / 900	

ADDITIONAL OPTIONS AND ACCESSORIES:

Option	Designation	Description	Example
Electrical unit	E	4 splash-proof sockets, automatic circuit-breaker 25 A, mounting above or under the worktop, number of sockets and capacity are discussed at order	SMN-PT900-E
Hanging cupboard	TN-500-1	Width 500 mm, one drawer	SMN-PT900-TN-500-1
	TN-500-2	Width 500 mm, two drawers	SMN-PT900-TN-500-2
	TN-500-3	Width 500 mm, three drawers	SMN-PT900-TN-500-3
	TN-500-4	Width 500 mm, four drawers	SMN-PT900-TN-500-4
Strengthening	U	Load up to 350 kg	SMN-PT900-U

Example:
SMV-PT1500-TN-500-3 | High mobile table 1500 x 600 x 900, laboratory plastic, hanging cupboard with three drawers



BALANCE TABLE / ANTI-VIBRATION TABLE

SV / SA

Pay attention
to the height of rolling
pedestals at order



Rigid frame

Heavy granite slab is placed on the
damping support

Massive polished granite slab is the
perfect surface for balance and anti-
vibration tables.

Adjustable legs allow to compensate floor
unevenness

BASIC ADVANTAGES:

- » The structure with two independent frames excludes external mechanical oscillation
- » Special line for heavy equipment
- » Wide range of dimensions



Anti-vibration granite slab

BALANCE TABLE / ANTI-VIBRATION TABLE (SV / SA)



BALANCE TABLE

The table is meant to exclude oscillation impact on precision of indication of analytical and precision balance. It is represented as built-up structure, consisting of rigid frame with operating plate (installed on it on damper support) and protective cover.

Large mass of operating plate in combination with small rigidity of supports allows to absorb oscillation across a broad spectrum.

Permissible plate load | **15**  **KG**

ANTI-VIBRATION TABLE

The table is meant for weighing equipment placement. Heavy plate, reinforced frame and other engineering solutions increase permissible load up to 90 kg.

According to its performance indicators, this table has no analogues in the domestic market.

Permissible plate load | **90**  **KG**

BALANCE TABLE (SV)

Cat. №	Overall dimensions, mm	Worktop
SV-G600	600 x 610 x 800	Granite 450 x 500 mm
SV-G900	900 x 610 x 800	Granite 450 x 500 mm
SV-G1200	1200 x 610 x 800	Granite 450 x 500 mm
SV-G1200-2p	1200 x 610 x 800	Granite 450 x 500 mm – 2 plates
SV-G1500	1500 x 610 x 800	Granite 450 x 500 mm
SV-G1500-2p	1500 x 610 x 800	Granite 450 x 500 mm – 2 plates

ANTI-VIBRATION TABLE (SA)

Cat. №	Overall dimensions, mm	Worktop
SA-G800	770 x 610 x 800	Granite 600 x 500 mm
SA-G1000	1000 x 610 x 800	Granite 850 x 500 mm
SA-G1200	1200 x 610 x 800	Granite 600 x 500 mm
SA-G1600	1600 x 610 x 800	Granite 1200 x 500 mm

YOU CAN BE INTERESTED IN:

CHAIRS AND STOOLS

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ADDITIONAL OPTIONS AND ACCESSORIES

Option	Designation	Description	Example
Electrical socket	E	Additional splash-proof socket	SA-G800E
Worktop	PT	Material – laboratory plastic	SA-G800-PT

Пример:
SA-G800E

Anti-vibration table 770 x 610 x 800 mm,
electrical socket



LABORATORY COMPUTER TABLE SLK

Pay attention
to the height of rolling
pedestals at order



Monitor stand

Possible manufacture of corner
computer table

Rollout shelf for keyboard at the left/right

Mobile stand for system units

BASIC ADVANTAGES:

- » Corner tables are available for order
- » Convenient location of the elements, necessary for desk job



Possible manufacture
of corner table

LABORATORY COMPUTER TABLE (SLK)



YOU CAN BE INTERESTED IN:

PEDESTALS
Rolling, hanging

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CHAIRS AND
STOOLS

p. 48-49



The computer table is meant for office equipment, necessary for laboratory-based work. The table structure includes mobile stand for system units and monitor stand. The table also has a built-in rollout shelf for keyboard.



Electrical unit can be optionally installed



The table can be optionally equipped with hanging cupboard



Monitor stand for workspace ergonomics

LABORATORY COMPUTER TABLES (SLK)		
Cat. №	Overall dimensions*, mm	Worktop
SLK-PT900	900 x 600 x 750	Laboratory plastic
SLK-PT1200	1200 x 600 x 750	
SLK-PT1500	1500 x 600 x 750	

CORNER LABORATORY COMPUTER TABLES (SLKu)		
Cat. №	Overall dimensions*, mm	Worktop
SLKu-PT1200	1200 x 900 / 600 x 750	Laboratory plastic
SLKu-PT1500	1500 x 1200 / 600 x 750	

ADDITIONAL OPTIONS AND ACCESSORIES

Option	Designation	Description	Example
Electrical unit	E	4 splash-proof sockets, automatic circuit breaker 25 A, mounting above and under the worktop, number of sockets and capacity are discussed at order	SLK-PT900E

Example:
SLK-PT900E | Computer table 900 x 600 x 750 mm, electrical unit

* It is possible to manufacture the tables of nonstandard size, corner table. Please, specify the details at order.





SINKS, PEDESTALS AND CHAIRS

Single / double sinks	42
Rolling / hanging cabinets	46
Laboratory chairs and stools	48



SINGLE / DOUBLE SINKS

MO / MD

**Please, pay attention!**

Glassware dryer is separately ordered.

Pay your attention to the sink width

when completing island tables

Convenient dryers for laboratory glass

Trapezoidal performance is possible

Worktop with anti-spill edging

Mixer taps Carlos Arboles
In special laboratory performance

BASIC ADVANTAGES:

- » New design – with base and doors (Opening angle 90°)
- » Wide choice of accessories
- » All worktops have anti-spill edging on perimeter

SINGLE / DOUBLE SINKS (MO / MD)



«Wet chemistry» – potential corrosion spot, that is why peculiar approach to coating and choice of constituent parts significantly increase lifetime of the products. We are scrupulous about these issues when manufacturing laboratory sinks. Wide choice of worktops and accessories allows to take into consideration wishes of the most demanding user.

YOU CAN BE INTERESTED IN:

CHEMISTRY ISLAND TABLES

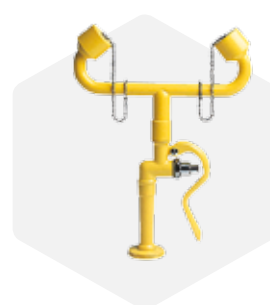
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ACCESSORIES

CARLOS ARBOLES S.A.

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Trapezium – shaped worktop

Integration of the laboratory glass
Washing machine from MieleDifferent variants of overall
dimensions and materials of the sinks

ADDITIONAL OPTIONS AND ACCESSORIES:

Option	Designation	Description	Example
Trapezium – shaped worktop	TR	For end-type sinks to island tables	MO-P600D-TR
Stand	PD	Stand for distillation device, max. load - 30 kg	MO-P600D-PD
Corrosion-resistant sewage system	KSK	Made of stainless steel and Teflon	MO-P600D-KSK
Drying shelf	S	Made of polypropylene for 36 dowels	MOS-P600D
Mixer tap	SM	Additional mixer tap Carlos Arboles	MO-P600D-SM
Screen	BES	Splash-proof screen (Triplex safety glass), height 400 mm	MO-P600D-BES
	BENZh	Splash-proof screen (Stainless steel), height 400 mm	MO-P600D-BENZh
Drain tank	O	Drain tank, made of plastic, mobile stand (for cement)	MO-P600D-O
Dispenser	DIS	Soap dispenser	MO-P600D-DIS
Holder	PO	Towel holder	MO-P600D-PO
Container	K	Waste container	MO-P600D-K

Example:
MOS-P600D-PD

Single sink 600 x 600 x 900 mm, worktop – ceramic granite tiles, sink – Durcon, dish dryer and stand for distillation device

SINGLE / DOUBLE SINKS (MO / MD)

SINGLE SINKS (MO)			Sink	
Cat. №	Overall dimensions, mm	Worktop	Material	Depth
MO-PT600N	600 x 600 x 900	Laboratory plastic	Stainless steel	150 mm
MO-PT900N	900 x 600 x 900			
MO-PT1200N	1200 x 600 x 900			
MO-PT1500N	1500 x 600 x 900			
MO-PT600Ng	600 x 600 x 900	Laboratory plastic	Stainless steel	250 mm
MO-PT900Ng	900 x 600 x 900			
MO-PT1200Ng	1200 x 600 x 900			
MO-PT1500Ng	1500 x 600 x 900			
MO-PT600P	600 x 600 x 900	Laboratory plastic	Polypropylene	300 mm
MO-PT900P	900 x 600 x 900			
MO-PT1200P	1200 x 600 x 900			
MO-PT1500P	1500 x 600 x 900			
MO-PT600D	600 x 600 x 900	Laboratory plastic	Durcon	290 mm
MO-PT900D	900 x 600 x 900			
MO-PT1200D	1200 x 600 x 900			
MO-PT1500D	1500 x 600 x 900			
MO-P600N	600 x 600 x 900	Ceramic granite tiles	Stainless steel	150 mm
MO-P900N	900 x 600 x 900			
MO-P1200N	1200 x 600 x 900			
MO-P1500N	1500 x 600 x 900			
MO-P600Ng	600 x 600 x 900	Ceramic granite tiles	Stainless steel	250 mm
MO-P900Ng	900 x 600 x 900			
MO-P1200Ng	1200 x 600 x 900			
MO-P1500Ng	1500 x 600 x 900			
MO-P600P	600 x 600 x 900	Ceramic granite tiles	Polypropylene	300 mm
MO-P900P	900 x 600 x 900			
MO-P1200P	1200 x 600 x 900			
MO-P1500P	1500 x 600 x 900			
MO-P600K	600 x 600 x 900	Ceramic granite tiles	Solid ceramic	290 mm
MO-P900K	900 x 600 x 900			
MO-P1200K	1200 x 600 x 900			
MO-P1500K	1500 x 600 x 900			
MO-P600D	600 x 600 x 900	Ceramic granite tiles	Durcon	290 mm
MO-P900D	900 x 600 x 900			
MO-P1200D	1200 x 600 x 900			
MO-P1500D	1500 x 600 x 900			
MO-H600N	600 x 600 x 900	Stainless steel	Stainless steel	150 mm
MO-H900N	900 x 600 x 900			
MO-H1200N	1200 x 600 x 900			
MO-H1500N	1500 x 600 x 900			
MO-H600Ng	600 x 600 x 900	Stainless steel	Stainless steel	250 mm
MO-H900Ng	900 x 600 x 900			
MO-H1200Ng	1200 x 600 x 900			
MO-H1500Ng	1500 x 600 x 900			

SINGLE / DOUBLE SINKS (MO / MD)

SINGLE SINKS (MO)			Sink	
Cat. №	Overall dimensions, mm	Worktop	Material	Depth
MO-K600K	600 x 600 x 900 / 1850	Solid ceramic	Solid ceramic	290 mm
MO-K900K	900 x 600 x 900 / 1850			
MO-K1200K	1200 x 600 x 900 / 1850			
MO-K1500K	1500 x 600 x 900 / 1850			
MO-D600D	600 x 600 x 900 / 1850	Durcon	Durcon	290 mm
MO-D900D	900 x 600 x 900 / 1850			
MO-D1200D	1200 x 600 x 900 / 1850			
MO-D1500D	1500 x 600 x 900 / 1850			

DOUBLE SINKS (MD)			Sink	
Cat. №	Overall dimensions, mm	Worktop	Material	Depth
MD-PT1200N	1200 x 600 x 900	Laboratory plastic	Stainless steel	150 mm
MD-PT1500N	1500 x 600 x 900			
MD-PT1200Ng	1200 x 600 x 900	Laboratory plastic	Stainless steel	250 mm
MD-PT1500Ng	1500 x 600 x 900			
MD-PT1200P	1200 x 600 x 900	Laboratory plastic	Polypropylene	300 mm
MD-PT1500P	1500 x 600 x 900			
MD-PT1200D	1200 x 600 x 900	Laboratory plastic	Durcon	290 mm
MD-PT1500D	1500 x 600 x 900			
MD-P1200N	1200 x 600 x 900	Ceramic granite tiles	Stainless steel	150 mm
MD-P1500N	1500 x 600 x 900			
MD-P1200Ng	1200 x 600 x 900	Ceramic granite tiles	Stainless steel	250 mm
MD-P1500Ng	1500 x 600 x 900			
MD-P1200P	1200 x 600 x 900	Ceramic granite tiles	Polypropylene	300 mm
MD-P1500P	1500 x 600 x 900			
MD-P1200K	1200 x 600 x 900	Ceramic granite tiles	Solid ceramic	290 mm
MD-P1500K	1500 x 600 x 900			
MD-P1200D	1200 x 600 x 900	Ceramic granite tiles	Durcon	290 mm
MD-P1500D	1500 x 600 x 900			
MD-N1200N	1200 x 600 x 900	Stainless steel	Stainless steel	150 mm
MD-N1500N	1500 x 600 x 900			
MD-N1200Ng	1200 x 600 x 900	Stainless steel	Stainless steel	250 mm
MD-N1500Ng	1500 x 600 x 900			
MD-K1200K	1200 x 600 x 900	Solid ceramic	Solid ceramic	290 mm
MD-K1500K	1500 x 600 x 900			
MD-D1200D	1200 x 600 x 900	Durcon	Durcon	290 mm
MD-D1500D	1500 x 600 x 900			



ROLLING / HANGING CABINETS TP / TN

Pay attention
to the height of rolling
pedestals at order



Central lock blocks all the drawers
in the closed position

Front wheels of the cabinet are equipped
with fixers, preventing movement

Load on the drawer is up to 25 kg

Wide range of models:



BASIC ADVANTAGES:

- » High quality wheels tellure rota (Italy)
- » Wide range of sizes and performances
- » Wide choice of accessories

Навесное
исполнение



ROLLING / WALL MOUNTED CABINETS (TP / TN)



ROLLING CABINETS (TP)			WALL MOUNTED CABINETS (TN)			Number of drawers / doors
Cat. №		Overall dimensions, mm	Cat. №		Overall dimensions, mm	
High	Low		High	Low		
TP-500-1	TP-500-1n	550 x 500 x 720 / 576	TN-500-1	TN-500-1n	550 x 500 x 650 / 506	One door
TP-500-2	TP-500-2n	550 x 500 x 720 / 576	TN-500-2	TN-500-2n	550 x 500 x 650 / 506	Two drawers
TP-500-3	TP-500-3n	550 x 500 x 720 / 576	TN-500-3	TN-500-3n	550 x 500 x 650 / 506	Three drawers
TP-500-4	—	550 x 500 x 720	TN-500-4	—	550 x 500 x 650	Four drawers
TP-1100-2	TP-1100-2n	1100 x 500 x 720 / 576	TN-1100-2	TN-1100-2n	1100 x 500 x 650 / 506	Two doors
TP-1100-3	TP-1100-3n	1100 x 500 x 720 / 576	TN-1100-3	TN-1100-3n	1100 x 500 x 650 / 506	Three drawers
TP-1100-4	—	1100 x 500 x 720	TN-1100-4	—	1100 x 500 x 650	Four drawers
TP-1100-6	TP-1100-6n	1100 x 500 x 720 / 576	TN-1100-6	TN-1100-6n	1100 x 500 x 650 / 506	Six drawers
TP-1100-8	—	1100 x 500 x 720	TN-1100-8	—	1100 x 500 x 650	Eight drawers
TP-1400-3	TP-1400-3n	1400 x 500 x 720 / 576	TN-1400-3	TN-1400-3n	1400 x 500 x 650 / 506	Three doors

ADDITIONAL OPTIONS AND ACCESSORIES:

Option	Designation	Description	Example
Worktop	PT	Worktop material – laboratory plastic	TP-500-3-PT
Automatic pull-in devices	D	Full extension ball guides	TP-500-3-D
Mat	K	Drawer mats / storage section	TP-500-3-K
Divider	R	Drawer divider	TP-500-3-C

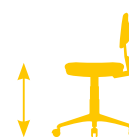
Example:
TP-500-3-PT Rolling cabinet 550 x 500 x 720 mm, with three drawers and a worktop, made of laboratory plastic



LABORATORY CHAIRS AND STOOLS

SL, TL

Pay attention
to the height of chairs
and stools at order



ADVANTAGES OF POLYURETHANE

Free from formation
of microorganisms

Long lifetime

Resistance to physical and
chemical impact

Does not contain CFC
(chlorofluorocarbon)

BASIC ADVANTAGES:

- » The sittings are made of slip-proof expanded polyurethane (SL-001, SL-002, TL-001)
- » Chemistry resistant, long-life and reliable
- » Height adjustment
- » Reliable metal structure

LABORATORY STOOLS AND CHAIRS (SL, TL)



We offer you ergonomic swivel chairs, the sittings are made of slip-proof expanded polyurethane. The sittings are adjusted for height from 40 to 74 cm. Supports with five bars on double rotating wheels. Foot support with the diameter of 45,5 cm is made of chromized steel, adjustable in height. The chairs are black by default.

When ordering the laboratory chairs SL-001 and SL-002 you can change the color of the sitting and the back from black to gray or blue and add the elbows. Wheels and legs on the chairs and stools can be also changed.



All changes are to be discussed at order.

Cat. №	Sitting overall dimensions, cm	Back overall dimensions, cm	Gas lift adjustment range, cm	Sitting height adjustment range, cm
SL-001	46 x 44	41 x 31	24–42	55–74
SL-002	46 x 44	41 x 31	24–42	40–58
TL-001	32 x 34	—	30–53	46–67

ADDITIONAL OPTIONS AND ACCESSORIES:

AVAILABLE OPTIONS OF SITTING AND BACK COLORS

Models SL-001, SL-002



ELBOWS INSTALLATION

Model SL-002



WHEELS CAN BE CHANGED TO LEGS

Models SL, TL







4

FUME CUPBOARDS

Series SHV / SHVEN

FUME CUPBOARDS OF SHV SERIES

Standard fume cupboard / Washing fume cupboard	52
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Fume cupboard for determination of paraffin in oil as per GOST Standard 11851-2018	56
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Fume cupboard for determination of water in oil as per GOST Standard 2477-2014	58
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SPECIAL SOLUTIONS FOR FUME CUPBOARDS OF SHV AND SHVEN SERIES

FUME CUPBOARDS OF SHVEN SERIES

Standard fume cupboard / Washing fume cupboard	60
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Floor standing fume cupboard / Fume hoof for determination of water in oil as per GOST Standard 2477-2014	68
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Ventilation effectiveness control monitor «Analytica»	72
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Additional equipment and accessories	80
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FUME CUPBOARDS OF SHV Series STANDARD / WASHING

ShV / ShV washing



Please, pay attention

The construction and overall dimensions have been changed

Pages 54–55



BASIC ADVANTAGES:

- » Contemporary design
- » More aerodynamically effective design
- » Segmented cable-duct
- » Explosion-proof luminaire and remote switch (option)
- » An opportunity to integrate cabinets for HFL storage (option)
- » An opportunity to integrate monitor (option)

STANDARD FUME CUPBOARD OF SHV SERIES / WASHING FUME CUPBOARD (SHV / SHV WASHING)

STANDARD SHV SERIES

Fume cupboard – basic laboratory element, personnel safety in operation directly depends on this product. We have changed basic fume cupboard of ShV Series in a serious way. It is executed in unique contemporary design with SHVEN Series, and is different from SHVEN Series in overall dimensions and one-section screen. All additional options are applicable to the cupboard, including ventilation control monitor and integrated cabinets for HFL storage, tube diameter – 250 mm.

Up-to-date design provides excellent aerodynamics and reduced noise level, confirmed by related testing.

WASHING SHV SERIES

Washing fume cupboard includes the worktop with one or two sinks, mixer taps, hot / cold water supply system, sewage and glassware dryer.

Explosion-proof design is provided for Category A premises. The list of accessories can be applicable to this version.



Aerodynamic screen with lift limiter up to the mark 500 mm



Dish dryers are included in scope of supply (1 or 2 pcs.)



Cable tray. Valve control is located on the front panel (option)



Aerodynamic profile on the worktop



Explosion-proof luminaire Ex



Automatic protection from breakage of rope

ADDITIONAL OPTIONS AND ACCESSORIES:

VENTILATION MONITOR

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ACCESSORIES FOR SHV

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CABINETS FOR HFL STORAGE

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STANDARD FUME CUPBOARD OF SHV SERIES (SHV)

STANDARD FUME CUPBOARDS OF SHV SERIES (SHV)				
Cat. №		Overall dimensions, mm	Worktop	Sink (for cupboards with water supply system)
Without water supply	With water supply			
ShV-PT900	ShV-PT900H	900 x 780 x 2250	Laboratory plastic with edging	Stainless steel
ShV-PT1200	ShV-PT1200H	1200 x 780 x 2250		
ShV-PT1500	ShV-PT1500H	1500 x 780 x 2250		
ShV-PT1800	ShV-PT1800H	1800 x 780 x 2250		
—	ShV-PT900H	900 x 780 x 2250		Polypropylene
—	ShV-PT1200H	1200 x 780 x 2250		
—	ShV-PT1500H	1500 x 780 x 2250		
—	ShV-PT1800H	1800 x 780 x 2250		
—	ShV-PT900D	900 x 780 x 2250		Durcon
—	ShV-PT1200D	1200 x 780 x 2250		
—	ShV-PT1500D	1500 x 780 x 2250		
—	ShV-PT1800D	1800 x 780 x 2250		
ShV-P900	ShV-P900H	900 x 780 x 2250	Ceramic granite tiles	Stainless steel
ShV-P1200	ShV-P1200H	1200 x 780 x 2250		
ShV-P1500	ShV-P1500H	1500 x 780 x 2250		
ShV-P1800	ShV-P1800H	1800 x 780 x 2250		
—	ShV-P900H	900 x 780 x 2250		Polypropylene
—	ShV-P1200H	1200 x 780 x 2250		
—	ShV-P1500H	1500 x 780 x 2250		
—	ShV-P1800H	1800 x 780 x 2250		
—	ShV-P900D	900 x 780 x 2250		Durcon
—	ShV-P1200D	1200 x 780 x 2250		
—	ShV-P1500D	1500 x 780 x 2250		
—	ShV-P1800D	1800 x 780 x 2250		
—	ShV-P900K	900 x 780 x 2250		Solid ceramic
—	ShV-P1200K	1200 x 780 x 2250		
—	ShV-P1500K	1500 x 780 x 2250		
—	ShV-P1800K	1800 x 780 x 2250		
ShV-N900	ShV-N900H	900 x 780 x 2250	Stainless steel with edging	Stainless steel
ShV-N1200	ShV-N1200H	1200 x 780 x 2250		
ShV-N1500	ShV-N1500H	1500 x 780 x 2250		
ShV-N1800	ShV-N1800H	1800 x 780 x 2250		
ShV-K900	ShV-K900K	900 x 780 x 2250	Solid ceramic with edging	Solid ceramic
ShV-K1200	ShV-K1200K	1200 x 780 x 2250		
ShV-K1500	ShV-K1500K	1500 x 780 x 2250		
ShV-K1800	ShV-K1800K	1800 x 780 x 2250		
ShV-D900	ShV-D900D	900 x 780 x 2250	Durcon with edging	Durcon
ShV-D1200	ShV-D1200D	1200 x 780 x 2250		
ShV-D1500	ShV-D1500D	1500 x 780 x 2250		
ShV-D1800	ShV-D1800D	1800 x 780 x 2250		

WASHING FUME CUPBOARD OF SHV SERIES (WASHING SHV)

WASHING FUME CUPBOARDS OF SHV SERIES (WASHING SHV)					
Cat. №		Overall dimensions, mm	Worktop	Sink	Sink depth, mm
One sink	Two sinks				
ShV-PT900Ng1	—	900 x 780 x 2250	Laboratory plastic with edging	Stainless steel	250
ShV-PT1200Ng1	ShV-PT1200Ng2	1200 x 780 x 2250			
ShV-PT1500Ng1	ShV-PT1500Ng2	1500 x 780 x 2250			
ShV-PT1800Ng1	ShV-PT1800Ng2	1800 x 780 x 2250			
ShV-PT900П1	—	900 x 780 x 2250		Polypropylene	300
ShV-PT1200П1	ShV-PT1200П2	1200 x 780 x 2250			
ShV-PT1500П1	ShV-PT1500П2	1500 x 780 x 2250			
ShV-PT1800П1	ShV-PT1800П2	1800 x 780 x 2250			
ShV-PT900Д1	—	900 x 780 x 2250		Durcon	290
ShV-PT1200Д1	ShV-PT1200Д2	1200 x 780 x 2250			
ShV-PT1500Д1	ShV-PT1500Д2	1500 x 780 x 2250			
ShV-PT1800Д1	ShV-PT1800Д2	1800 x 780 x 2250			
ShV-P900Ng1	—	900 x 780 x 2250	Ceramic granite tiles	Stainless steel	250
ShV-P1200Ng1	ShV-P1200Ng2	1200 x 780 x 2250			
ShV-P1500Ng1	ShV-P1500Ng2	1500 x 780 x 2250			
ShV-P1800Ng1	ShV-P1800Ng2	1800 x 780 x 2250			
ShV-P900P1	—	900 x 780 x 2250		Polypropylene	300
ShV-P1200P1	ShV-P1200P2	1200 x 780 x 2250			
ShV-P1500P1	ShV-P1500P2	1500 x 780 x 2250			
ShV-P1800P1	ShV-P1800P2	1800 x 780 x 2250			
ShV-P900D1	—	900 x 780 x 2250		Durcon	290
ShV-P1200D1	ShV-P1200D2	1200 x 780 x 2250			
ShV-P1500D1	ShV-P1500D2	1500 x 780 x 2250			
ShV-P1800D1	ShV-P1800D2	1800 x 780 x 2250			
ShV-P900K1	—	900 x 780 x 2250		Solid ceramic	290
ShV-P1200K1	ShV-P1200K2	1200 x 780 x 2250			
ShV-P1500K1	ShV-P1500K2	1500 x 780 x 2250			
ShV-P1800K1	ShV-P1800K2	1800 x 780 x 2250			
ShV-N900Ng1	—	900 x 780 x 2250	Stainless steel with edging	Stainless steel	250
ShV-N1200Ng1	ShV-N1200Ng2	1200 x 780 x 2250			
ShV-N1500Ng1	ShV-N1500Ng2	1500 x 780 x 2250			
ShV-N1800Ng1	ShV-N1800Ng2	1800 x 780 x 2250			
ShV-K900K1	—	900 x 780 x 2250	Solid ceramic with edging	Solid ceramic	290
ShV-K1200K1	ShV-K1200K2	1200 x 780 x 2250			
ShV-K1500K1	ShV-K1500K2	1500 x 780 x 2250			
ShV-K1800K1	ShV-K1800K2	1800 x 780 x 2250			
ShV-D900D1	—	900 x 780 x 2250	Durcon with edging	Durcon	290
ShV-D1200D1	ShV-D1200D2	1200 x 780 x 2250			
ShV-D1500D1	ShV-D1500D2	1500 x 780 x 2250			
ShV-D1800D1	ShV-D1800D2	1800 x 780 x 2250			



FUME CUPBOARD OF SHV SERIES FOR DETERMINATION OF PARAFFIN IN OIL AS PER GOST STANDARD 11851-2018

ShVP



Please, pay attention!

The construction and overall
dimensions have been changed
Page 57

Stand-mounted panel

Double-level worktop
with anti-spill edging

The cupboard is equipped with sliding
sash of two extensible triplex glasses

Hidden utility systems

Electrical unit

BASIC ADVANTAGES:

- » Contemporary design
- » Explosion-proof luminaire and remote switch (option)
- » The whole analysis is conducted in one fume cupboard

FUME HOOD OF SHV SERIES FOR DETERMINATION OF PARAFFIN IN OIL AS PER GOST STANDARD



The fume cupboard is designed for personnel protection when performing the determination analysis of paraffin as per GOST Standard 11851-2018. ShVP consists of two parts—a pedestal and a dome.

The sliding sash is made of two telescopic safety glasses Triplex. The worktop is equipped with anti-spill edging 7 mm high, protecting the laboratory personnel against spillage of aggressive liquids.

An automatic circuit breaker and four splash-proof sockets are mounted in electric panel. Fixers of the stand-mounted panel are located on the back wall of the working dome of the cupboard.

Left side of the pedestal is equipped with shelf for auxiliary equipment.

FUME CUPBOARDS OF SHV SERIES FOR DETERMINATION OF PARAFFIN IN OIL AS PER GOST STANDARD 11851-2018 (SHVP)

Cat. №	Overall dimensions, mm	Worktop	Sink
ShVP-P1500n	1500 x 780 x 2250	Ceramic granite tiles	Stainless steel
ShVP-P1500p	1500 x 780 x 2250		Polypropylene
ShVP-P1500k	1500 x 780 x 2250		Solid ceramic
ShVP-P1500d	1500 x 780 x 2250		Durcon
ShVP-PT1500n	1500 x 780 x 2250	Laboratory plastic with edging	Stainless steel
ShVP-PT1500p	1500 x 780 x 2250		Polypropylene
ShVP-PT1500d	1500 x 780 x 2250		Durcon
ShVP-N1500n	1500 x 780 x 2250	Stainless steel	Stainless steel
ShVP-K1500k	1500 x 780 x 2250	Solid ceramic	Solid ceramic
ShVP-D1500d	1500 x 780 x 2250	Durcon with edging	Durcon

ADDITIONAL OPTIONS AND ACCESSORIES:

VENTILATION MONITOR

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ACCESSORIES FOR SHV

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EXPLOSION-PROOF DESIGN

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FUME CUPBOARD OF SHV SERIES FOR DETERMINATION OF WATER IN OIL AS PER GOST STANDARD 2477-2014

ShVDS



Please, pay attention!

The construction and overall
dimensions have been changed
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Stand-mounted panel

Hidden utility systems

Shelf for thermostat

BASIC ADVANTAGES:

- » Contemporary design
- » Specially designed for a set of equipment for determination of water in oil as per GOST Standard 2477-2014

FUME CUPBOARD OF SHV SERIES FOR DETERMINATION OF WATER IN OIL AS PER GOST STANDARD 2477-2014 (SHVDS)

These fume cupboards are designed for implementation of the method of determination of water in oil and equipment layout as per GOST Standard 2477-2014.

The cupboard includes a special shelf for thermostat, stand-mounted panel for refrigerator mountings and hidden utility system. Number of electrical sockets is increased up to 8 pcs.

FUME CUPBOARDS OF SHV SERIES FOR DETERMINATION OF WATER IN OIL AS PER GOST STANDARD 2477-2014 (SHVDS)

Cat. №	Overall dimensions, mm	Worktop	Sink
ShVDS-P1200n	1200 x 780 x 2250	Ceramic granite tiles	Stainless steel
ShVDS-P1500n	1500 x 780 x 2200		
ShVDS-P1200p	1200 x 780 x 2250		Polypropylene
ShVDS-P1500p	1500 x 780 x 2250		
ShVDS-P1200k	1200 x 780 x 2250		Solid ceramic
ShVDS-P1500k	1500 x 780 x 2250		
ShVDS-P1200d	1200 x 780 x 2250		Durcon
ShVDS-P1500d	1500 x 780 x 2250		
ShVDS-PT1200n	1200 x 780 x 2250	Laboratory plastic with edging	Stainless steel
ShVDS-PT1500n	1500 x 780 x 2250		
ShVDS-PT1200p	1200 x 780 x 2250		Polypropylene
ShVDS-PT1500p	1500 x 780 x 2250		
ShVDS-PT1200d	1200 x 780 x 2250		Durcon
ShVDS-PT1500d	1500 x 780 x 2250		
ShVDS-N1200n	1200 x 780 x 2250	Stainless steel	Stainless steel
ShVDS-N1500n	1500 x 780 x 2250		
ShVDS-K1200k	1200 x 780 x 2250	Solid ceramic with edging	Solid ceramic
ShVDS-K1500k	1500 x 780 x 2250		
ShVDS-D1200d	1200 x 780 x 2250	Durcon with edging	Durcon
ShVDS-D1500d	1500 x 780 x 2250		

ADDITIONAL OPTIONS AND ACCESSORIES:

VENTILATION MONITOR

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ACCESSORIES FOR SHV

p. 81



CABINETS FOR HFL STORAGE

p. 84-85





FUME CUPBOARD OF SHVEN SERIES STANDARD / WASHING

SHVEN / SHVEN Washing



DIN EN
14175-2



BASIC ADVANTAGES:

- » Contemporary design
- » More aerodynamically effective design
- » Segmented cable-duct
- » Explosion-proof luminaire and remote switch (option)
- » An opportunity to integrate cabinets for HFL storage (option)
- » An opportunity to integrate monitor (option)

FUME CUPBOARD OF SHVEN SERIES STANDARD / WASHING (SHVEN / SHVEN WASHING)

SHVEN SERIES

Fume cupboards are the key operating units of every laboratory. Fume cupboards of SHVEN Series are designed in accordance with Standard DIN EN 14175-2. Large-size equipment can be installed thanks to increased operating space.

Fume cupboards of SHVEN Series combine operational safety and improved ergonomic solution. We offer lots of configuration options and performances for specific applications. Available cupboards of this Series - (height) 2350 mm (SHVENN) and 2550 mm (SHVEN). Tube diameter – 250 mm.

SHVEN SERIES WASHING

Washing cupboard includes worktop with one or two sinks, mixer taps, hot / cold water supply system, sewage and glassware dryer.

Explosion-proof design is provided for Category A premises. The list of accessories can be applicable to this version.



Трехсекционный подвижной аэродинамический экран со стеклом триплекс



Dish dryers are included in scope of supply (1 or 2 pcs.)



Cable tray and valve control are located on the front panel



Modular design allows to redesign the cupboard with supply lines and electrical unit



Aerodynamic profile on the worktop



Explosion-proof luminaire Ex



Automatic protection from breakage of rope



Useful space of operating area is increased

ADDITIONAL OPTIONS AND ACCESSORIES:

VENTILATION MONITOR

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ACCESSORIES FOR SHV

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CABINETS FOR HFL STORAGE

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FUME CUPBOARD OF SHVEN SERIES STANDARD (SHVEN)

FUME CUPBOARDS OF SHVEN SERIES STANDARD (SHVEN) / LOW (SHVENn) WITHOUT WATER SUPPLY				
Height 2550 mm		Height 2350 mm		Worktop
Cat. №	Overall dimensions, mm	Cat. №	Overall dimensions, mm	
SHVEN-PT900	1010 x 930 x 2550	SHVENn-PT900	1010 x 930 x 2350	Laboratory plastic with edging
SHVEN-PT1200	1310 x 930 x 2550	SHVENn-PT1200	1310 x 930 x 2350	
SHVEN-PT1600	1610 x 930 x 2550	SHVENn-PT1600	1610 x 930 x 2350	
SHVEN-PT1800	1910 x 930 x 2550	SHVENn-PT1800	1910 x 930 x 2350	
SHVEN-P900	1010 x 930 x 2550	SHVENn-P900	1010 x 930 x 2350	Ceramic granite tiles
SHVEN-P1200	1310 x 930 x 2550	SHVENn-P1200	1310 x 930 x 2350	
SHVEN-P1600	1610 x 930 x 2550	SHVENn-P1600	1610 x 930 x 2350	
SHVEN-P1800	1910 x 930 x 2550	SHVENn-P1800	1910 x 930 x 2350	
SHVEN-N900	1010 x 930 x 2550	SHVENn-N900	1010 x 930 x 2350	Stainless steel with edging
SHVEN-N1200	1310 x 930 x 2550	SHVENn-N1200	1310 x 930 x 2350	
SHVEN-N1600	1610 x 930 x 2550	SHVENn-N1600	1610 x 930 x 2350	
SHVEN-N1800	1910 x 930 x 2550	SHVENn-N1800	1910 x 930 x 2350	
SHVEN-K900	1010 x 930 x 2550	SHVENn-K900	1010 x 930 x 2350	Solid ceramic with edging
SHVEN-K1200	1310 x 930 x 2550	SHVENn-K1200	1310 x 930 x 2350	
SHVEN-K1600	1610 x 930 x 2550	SHVENn-K1600	1610 x 930 x 2350	
SHVEN-K1800	1910 x 930 x 2550	SHVENn-K1800	1910 x 930 x 2350	
SHVEN-D900	1010 x 930 x 2550	SHVENn-D900	1010 x 930 x 2350	Durcon with edging
SHVEN-D1200	1310 x 930 x 2550	SHVENn-D1200	1310 x 930 x 2350	
SHVEN-D1600	1610 x 930 x 2550	SHVENn-D1600	1610 x 930 x 2350	
SHVEN-D1800	1910 x 930 x 2550	SHVENn-D1800	1910 x 930 x 2350	

FUME CUPBOARDS OF SHVEN SERIES STANDARD (SHVEN) / LOW (SHVENn) WITH WATER SUPPLY					
Height 2550 mm		Height 2350 mm		Worktop	Sink
Cat. №	Overall dimensions, mm	Cat. №	Overall dimensions, mm		
SHVEN-PT900n	1010 x 930 x 2550	SHVENn-PT900n	1010 x 930 x 2350	Stainless steel	
SHVEN-PT1200n	1310 x 930 x 2550	SHVENn-PT1200n	1310 x 930 x 2350		
SHVEN-PT1600n	1610 x 930 x 2550	SHVENn-PT1600n	1610 x 930 x 2350		
SHVEN-PT1800n	1910 x 930 x 2550	SHVENn-PT1800n	1910 x 930 x 2350		
SHVEN-PT900p	1010 x 930 x 2550	SHVENn-PT900p	1010 x 930 x 2350	Laboratory plastic with edging	Polypropylene
SHVEN-PT1200p	1310 x 930 x 2550	SHVENn-PT1200p	1310 x 930 x 2350		
SHVEN-PT1600p	1610 x 930 x 2550	SHVENn-PT1600p	1610 x 930 x 2350		
SHVEN-PT1800p	1910 x 930 x 2550	SHVENn-PT1800p	1910 x 930 x 2350		
SHVEN-PT900k	1010 x 930 x 2550	SHVENn-PT900k	1010 x 930 x 2350	Solid ceramic	
SHVEN-PT1200k	1310 x 930 x 2550	SHVENn-PT1200k	1310 x 930 x 2350		
SHVEN-PT1600k	1610 x 930 x 2550	SHVENn-PT1600k	1610 x 930 x 2350		
SHVEN-PT1800k	1910 x 930 x 2550	SHVENn-PT1800k	1910 x 930 x 2350		
SHVEN-PT900d	1010 x 930 x 2550	SHVENn-PT900d	1010 x 930 x 2350	Durcon	
SHVEN-PT1200d	1310 x 930 x 2550	SHVENn-PT1200d	1310 x 930 x 2350		
SHVEN-PT1600d	1610 x 930 x 2550	SHVENn-PT1600d	1610 x 930 x 2350		
SHVEN-PT1800d	1910 x 930 x 2550	SHVENn-PT1800d	1910 x 930 x 2350		

FUME CUPBOARD OF SHVEN SERIES STANDARD (SHVEN)

FUME CUPBOARDS OF SHVEN SERIES STANDARD (SHVEN) / LOW (SHVENn) WITH WATER SUPPLY (continuation)					
Height 2550 mm		Height 2350 mm		Worktop	Sink
Cat. №	Overall dimensions, mm	Cat. №	Overall dimensions, mm		
SHVEN-P900n	1010 x 930 x 2550	SHVENn-P900n	1010 x 930 x 2350	Ceramic granite tiles	Stainless steel
SHVEN-P1200n	1310 x 930 x 2550	SHVENn-P1200n	1310 x 930 x 2350		
SHVEN-P1600n	1610 x 930 x 2550	SHVENn-P1600n	1610 x 930 x 2350		
SHVEN-P1800n	1910 x 930 x 2550	SHVENn-P1800n	1910 x 930 x 2350		
SHVEN-P900p	1010 x 930 x 2550	SHVENn-P900p	1010 x 930 x 2350		Polypropylene
SHVEN-P1200p	1310 x 930 x 2550	SHVENn-P1200p	1310 x 930 x 2350		
SHVEN-P1600p	1610 x 930 x 2550	SHVENn-P1600p	1610 x 930 x 2350		
SHVEN-P1800p	1910 x 930 x 2550	SHVENn-P1800p	1910 x 930 x 2350		
SHVEN-P900k	1010 x 930 x 2550	SHVENn-P900k	1010 x 930 x 2350		Solid ceramic
SHVEN-P1200k	1310 x 930 x 2550	SHVENn-P1200k	1310 x 930 x 2350		
SHVEN-P1600k	1610 x 930 x 2550	SHVENn-P1600k	1610 x 930 x 2350		
SHVEN-P1800k	1910 x 930 x 2550	SHVENn-P1800k	1910 x 930 x 2350		
SHVEN-P900d	1010 x 930 x 2550	SHVENn-P900d	1010 x 930 x 2350		Durcon
SHVEN-P1200d	1310 x 930 x 2550	SHVENn-P1200d	1310 x 930 x 2350		
SHVEN-P1600d	1610 x 930 x 2550	SHVENn-P1600d	1610 x 930 x 2350		
SHVEN-P1800d	1910 x 930 x 2550	SHVENn-P1800d	1910 x 930 x 2350		
SHVEN-N900n	1010 x 930 x 2550	SHVENn-N900n	1010 x 930 x 2350	Stainless steel with edging	Stainless steel
SHVEN-N1200n	1310 x 930 x 2550	SHVENn-N1200n	1310 x 930 x 2350		
SHVEN-N1600n	1610 x 930 x 2550	SHVENn-N1600n	1610 x 930 x 2350		
SHVEN-N1800n	1910 x 930 x 2550	SHVENn-N1800n	1910 x 930 x 2350		
SHVEN-N900p	1010 x 930 x 2550	SHVENn-N900p	1010 x 930 x 2350		Polypropylene
SHVEN-N1200p	1310 x 930 x 2550	SHVENn-N1200p	1310 x 930 x 2350		
SHVEN-N1600p	1610 x 930 x 2550	SHVENn-N1600p	1610 x 930 x 2350		
SHVEN-N1800p	1910 x 930 x 2550	SHVENn-N1800p	1910 x 930 x 2350		
SHVEN-N900k	1010 x 930 x 2550	SHVENn-N900k	1010 x 930 x 2350		Solid ceramic
SHVEN-N1200k	1310 x 930 x 2550	SHVENn-N1200k	1310 x 930 x 2350		
SHVEN-N1600k	1610 x 930 x 2550	SHVENn-N1600k	1610 x 930 x 2350		
SHVEN-N1800k	1910 x 930 x 2550	SHVENn-N1800k	1910 x 930 x 2350		
SHVEN-N900d	1010 x 930 x 2550	SHVENn-N900d	1010 x 930 x 2350		Durcon
SHVEN-N1200d	1310 x 930 x 2550	SHVENn-N1200d	1310 x 930 x 2350		
SHVEN-N1600d	1610 x 930 x 2550	SHVENn-N1600d	1610 x 930 x 2350		
SHVEN-N1800d	1910 x 930 x 2550	SHVENn-N1800d	1910 x 930 x 2350		
SHVEN-K900k	1010 x 930 x 2550	SHVENn-K900k	1010 x 930 x 2350	Solid ceramic with edging	Solid ceramic
SHVEN-K1200k	1310 x 930 x 2550	SHVENn-K1200k	1310 x 930 x 2350		
SHVEN-K1600k	1610 x 930 x 2550	SHVENn-K1600k	1610 x 930 x 2350		
SHVEN-K1800k	1910 x 900 x 2550	SHVENn-K1800k	1910 x 930 x 2350		
SHVEN-D900d	1010 x 930 x 2550	SHVENn-D900d	1010 x 930 x 2350	Durcon with edging	Durcon
SHVEN-D1200d	1310 x 930 x 2550	SHVENn-D1200d	1310 x 930 x 2350		
SHVEN-D1600d	1610 x 930 x 2550	SHVENn-D1600d	1610 x 930 x 2350		
SHVEN-D1800d	1910 x 930 x 2550	SHVENn-D1800d	1910 x 930 x 2350		

FUME CUPBOARD OF SHVEN SERIES WASHING (SHVEN WASHING)

FUME CUPBOARDS OF SHVEN SERIES WASHING (SHVEN WASHING)					
Cat. №		Overall dimensions, mm	Worktop	Sink	Sink depth, mm
One sink	Two sinks				
SHVEN-PT900Ng1	—	1010 x 930 x 2550	Laboratory plastic with edging	Stainless steel	250
SHVEN-PT1200Ng1	SHVEN-PT1200Ng2	1310 x 930 x 2550			
SHVEN-PT1600Ng1	SHVEN-PT1600Ng2	1610 x 930 x 2550			
SHVEN-PT1800Ng1	SHVEN-PT1800Ng2	1910 x 930 x 2550			
SHVEN-PT900P1	—	1010 x 930 x 2550		Polypropylene	300
SHVEN-PT1200P1	SHVEN-PT1200P2	1310 x 930 x 2550			
SHVEN-PT1600P1	SHVEN-PT1600P2	1610 x 930 x 2550			
SHVEN-PT1800P1	SHVEN-PT1800P2	1910 x 930 x 2550			
SHVEN-PT900D1	—	1010 x 930 x 2550		Durcon	290
SHVEN-PT1200D1	SHVEN-PT1200D2	1310 x 930 x 2550			
SHVEN-PT1600D1	SHVEN-PT1600D2	1610 x 930 x 2550			
SHVEN-PT1800D1	SHVEN-PT1800D2	1910 x 930 x 2550			
SHVEN-P900Ng1	—	1010 x 930 x 2550	Ceramic granite tiles	Stainless steel	250
SHVEN-P1200Ng1	SHVEN-P1200Ng2	1310 x 930 x 2550			
SHVEN-P1600Ng1	SHVEN-P1600Ng2	1610 x 930 x 2550			
SHVEN-P1800Ng1	SHVEN-P1800Ng2	1910 x 930 x 2550			
SHVEN-P900P1	—	1010 x 930 x 2550		Polypropylene	300
SHVEN-P1200P1	SHVEN-P1200P2	1310 x 930 x 2550			
SHVEN-P1600P1	SHVEN-P1600P2	1610 x 930 x 2550			
SHVEN-P1800P1	SHVEN-P1800P2	1910 x 930 x 2550			
SHVEN-P900D1	—	1010 x 930 x 2550		Durcon	290
SHVEN-P1200D1	SHVEN-P1200D2	1310 x 930 x 2550			
SHVEN-P1600D1	SHVEN-P1600D2	1610 x 930 x 2550			
SHVEN-P1800D1	SHVEN-P1800D2	1910 x 930 x 2550			
SHVEN-P900K1	—	1010 x 930 x 2550		Solid ceramic	290
SHVEN-P1200K1	SHVEN-P1200K2	1310 x 930 x 2550			
SHVEN-P1600K1	SHVEN-P1600K2	1610 x 930 x 2550			
SHVEN-P1800K1	SHVEN-P1800K2	1910 x 930 x 2550			
SHVEN-N900Ng1	—	1010 x 930 x 2550	Stainless steel with edging	Stainless steel	250
SHVEN-N1200Ng1	SHVEN-N1200Ng2	1310 x 930 x 2550			
SHVEN-N1600Ng1	SHVEN-N1600Ng2	1610 x 930 x 2550			
SHVEN-N1800Ng1	SHVEN-N1800Ng2	1910 x 930 x 2550			
SHVEN-K900K1	—	1010 x 930 x 2550	Solid ceramic with edging	Solid ceramic	290
SHVEN-K1200K1	SHVEN-K1200K2	1310 x 930 x 2550			
SHVEN-K1600K1	SHVEN-K1600K2	1610 x 930 x 2550			
SHVEN-K1800K1	SHVEN-K1800K2	1910 x 930 x 2550			
SHVEN-D900D1	—	1010 x 930 x 2550	Durcon with edging	Durcon	290
SHVEN-D1200D1	SHVEN-D1200D2	1310 x 930 x 2550			
SHVEN-D1600D1	SHVEN-D1600D2	1610 x 930 x 2550			
SHVEN-D1800D1	SHVEN-D1800D2	1910 x 930 x 2550			

FUME CUPBOARD OF SHVEN SERIES WASHING (SHVEN WASHING)

FUME CUPBOARDS OF SHVEN SERIES WASHING LOW (SHVENn WASHING)					
Cat. №		Overall dimensions, mm	Worktop	Sink	Sink depth, mm
One sink	Two sinks				
SHVENn-PT900Ng1	—	1010 x 930 x 2350	Laboratory plastic with edging	Stainless steel	250
SHVENn-PT1200Ng1	SHVENn-PT1200Ng2	1310 x 930 x 2350			
SHVENn-PT1600Ng1	SHVENn-PT1600Ng2	1610 x 930 x 2350			
SHVENn-PT1800Ng1	SHVENn-PT1800Ng2	1910 x 930 x 2350			
SHVENn-PT900P1	—	1010 x 930 x 2350		Polypropylene	300
SHVENn-PT1200P1	SHVENn-PT1200P2	1310 x 930 x 2350			
SHVENn-PT1600P1	SHVENn-PT1600P2	1610 x 930 x 2350			
SHVENn-PT1800P1	SHVENn-PT1800P2	1910 x 930 x 2350			
SHVENn-PT900D1	—	1010 x 930 x 2350		Durcon	290
SHVENn-PT1200D1	SHVENn-PT1200D2	1310 x 930 x 2350			
SHVENn-PT1600D1	SHVENn-PT1600D2	1610 x 930 x 2350			
SHVENn-PT1800D1	SHVENn-PT1800D2	1910 x 930 x 2350			
SHVENn-P900Ng1	—	1010 x 930 x 2350	Ceramic granite tiles	Stainless steel	250
SHVENn-P1200Ng1	SHVENn-P1200Ng2	1310 x 930 x 2350			
SHVENn-P1600Ng1	SHVENn-P1600Ng2	1610 x 930 x 2350			
SHVENn-P1800Ng1	SHVENn-P1800Ng2	1910 x 930 x 2350			
SHVENn-P900P1	—	1010 x 930 x 2350		Polypropylene	300
SHVENn-P1200P1	SHVENn-P1200P2	1310 x 930 x 2350			
SHVENn-P1600P1	SHVENn-P1600P2	1610 x 930 x 2350			
SHVENn-P1800P1	SHVENn-P1800P2	1910 x 930 x 2350			
SHVENn-P900D1	—	1010 x 930 x 2350		Durcon	290
SHVENn-P1200D1	SHVENn-P1200D2	1310 x 930 x 2350			
SHVENn-P1600D1	SHVENn-P1600D2	1610 x 930 x 2350			
SHVENn-P1800D1	SHVENn-P1800D2	1910 x 930 x 2350			
SHVENn-P900K1	—	1010 x 930 x 2350		Solid ceramic	290
SHVENn-P1200K1	SHVENn-P1200K2	1310 x 930 x 2350			
SHVENn-P1600K1	SHVENn-P1600K2	1610 x 930 x 2350			
SHVENn-P1800K1	SHVENn-P1800K2	1910 x 930 x 2350			
SHVENn-N900Ng1	—	1010 x 930 x 2350	Stainless steel with edging	Stainless steel	250
SHVENn-N1200Ng1	SHVENn-N1200Ng2	1310 x 930 x 2350			
SHVENn-N1600Ng1	SHVENn-N1600Ng2	1610 x 930 x 2350			
SHVENn-N1800Ng1	SHVENn-N1800Ng2	1910 x 930 x 2350			
SHVENn-K900K1	—	1010 x 930 x 2350	Solid ceramic with edging	Solid ceramic	290
SHVENn-K1200K1	SHVENn-K1200K2	1310 x 930 x 2350			
SHVENn-K1600K1	SHVENn-K1600K2	1610 x 930 x 2350			
SHVENn-K1800K1	SHVENn-K1800K2	1910 x 930 x 2350			
SHVENn-D900D1	—	1010 x 930 x 2350	Durcon with edging	Durcon	290
SHVENn-D1200D1	SHVENn-D1200D2	1310 x 930 x 2350			
SHVENn-D1600D1	SHVENn-D1600D2	1610 x 930 x 2350			
SHVENn-D1800D1	SHVENn-D1800D2	1910 x 930 x 2350			



FUME CUPBOARD OF SHVEN SERIES FOR DETERMINATION OF PARAFFIN IN OIL AS PER GOST STANDARD 11851-2018

SHVENP



DIN EN
14175-2



Stand-mounted panel

Double-level worktop
With anti-spill edging

The cupboard is equipped with sliding
sash with transparent screen of triplex
safety glass

Hidden utility systems

Electrical unit

BASIC ADVANTAGES:

- » Contemporary design
- » Explosion-proof luminaire and remote switch (option)
- » The whole analysis is conducted in one fume cupboard

FUME CUPBOARD OF SHVEN SERIES FOR DETERMINATION OF PARAFFIN IN OIL AS PER GOST STANDARD 11851-2018 (SHVENP)



The fume cupboard is designed for personnel protection when performing the determination analysis of paraffin in oil as per GOST Standard 11851-2018.

The cupboard consists of two parts – a pedestal and a dome. The cupboard is equipped with sliding transparent sash MultiSlide with triplex glass, the lower part of which has sliding sections. Worktop of the cupboard has an anti-spill edging, protecting the laboratory personnel against spillage of aggressive liquids.

An automatic circuit breaker and seven splash-proof sockets are mounted in electric panel. Fixers of the stand-mounted panel are located on the back wall of the cupboard. Left side of the pedestal is equipped with shelf for auxiliary equipment.

FUME CUPBOARDS OF SHVEN SERIES FOR DETERMINATION OF PARAFFIN IN OIL AS PER GOST STANDARD 11851-2018 (SHVENP)

Height 2550 mm		Height 2350 mm		Worktop	Sink
Cat. №	Overall dimensions, mm	Cat. №	Overall dimensions, mm		
ШВЕНП-П1600н	1610 x 930 x 2550	ШВЕНПн-П1600н	1610 x 930 x 2350	Ceramic granite tiles	Stainless steel
ШВЕНП-П1600п	1610 x 930 x 2550	ШВЕНПн-П1600п	1610 x 930 x 2350		Polypropylene
ШВЕНП-П1600к	1610 x 930 x 2550	ШВЕНПн-П1600к	1610 x 930 x 2350		Solid ceramic
ШВЕНП-П1600д	1610 x 930 x 2550	ШВЕНПн-П1600д	1610 x 930 x 2350		Durcon
ШВЕНП-Н1600н	1610 x 930 x 2550	ШВЕНПн-Н1600н	1610 x 930 x 2350	Stainless steel with edging	Stainless steel
ШВЕНП-К1600к	1610 x 930 x 2550	ШВЕНПн-К1600к	1610 x 930 x 2350	Solid ceramic with edging	Solid ceramic
ШВЕНП-Д1600д	1610 x 930 x 2550	ШВЕНПн-Д1600д	1610 x 930 x 2350	Durcon with edging	Durcon

ADDITIONAL OPTIONS AND ACCESSORIES:

VENTILATION MONITOR

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ACCESSORIES FOR SHV

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EXPLOSION-PROOF DESIGN

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FUME CUPBOARD OF SHVEN SERIES FLOOR-
STANDING / FOR DETERMINATION OF WATER
IN OIL AS PER GOST STANDARD 2477-2014

SHVENnap / SHVENds



DIN EN
14175-2



Stand-mounted panel
Hidden utility system
Shelf for thermostat



Automatic protection from
breakage of rope

Operating space with
a height of 2100 mm

BASIC ADVANTAGES:

- » Explosion-proof luminaire and remote switch (option)
- » Large operating space (SHVENnap)
- » Separate cable-duct outside of operating space (SHVENnap)
- » An opportunity to integrate monitor (option for SHVENnap)
- » Specially designed for a set of equipment for determination of water in oil as per GOST Standard 2477-2014 (SHVENds)

FUME CUPBOARD OF SHVEN SERIES FLOOR-STANDING (SHVENnap)

FUME CUPBOARDS OF SHVEN SERIES FLOOR-STANDING (SHVENnap)

Cat. №		Overall dimensions, mm
Height 2550 mm	Height 2350 mm	
SHVANnap-900	SHVANnap-900	1140 x 930 x 2550 / 2350
SHVANnap-1200	SHVANnap-1200	1440 x 930 x 2550 / 2350
SHVANnap-1600	SHVANnap-1600	1740 x 930 x 2550 / 2350
SHVANnap-1800	SHVANnap-1800	2040 x 930 x 2550 / 2350

Floor-standing fume cupboards of SHVEN Series are designed for large-size equipment arrangement. Height of the workspace is 2100 / 2300 mm. The cupboard can be additionally completed with mobile table in case, if it is necessary.

FUME CUPBOARD OF SHVEN SERIES FOR DETERMINATION OF WATER IN OIL AS PER GOST STANDARD 2477-2014 (SHVENds)

These cupboards are designed for equipment arrangement in accordance with GOST Standard 2477-2014. There is a special stand-mounted shelf for thermostat in the cupboard.

A panel for fridge mounting and a hidden utility system. Number of electrical sockets is increased to 8 pcs.

FUME CUPBOARDS OF SHVEN SERIES FOR DETERMINATION OF WATER IN OIL AS PER GOST STANDARD 2477-2014 (SHVENds)

Cat. №		Overall dimensions, mm	Worktop	Sink
Height 2550 mm	Height 2350 mm			
SHVENds-PT1200n / p / k / d	SHVENdsn-PT1200n / p / k / d	1310 x 930 x 2550 / 2350	Laboratory plastic with edging	n — Stainless steel p — Polypropylene k — Solid ceramic d — Durcon
SHVENds-PT1600n / p / k / d	SHVENdsn-PT1600n / p / k / d	1610 x 930 x 2550 / 2350		
SHVENds-PT1800n / p / k / d	SHVENdsn-PT1800n / p / k / d	1910 x 930 x 2550 / 2350		
SHVENds-P1200n / p / k / d	SHVENdsn-P1200n / p / k / d	1310 x 930 x 2550 / 2350	Ceramic granite tiles	
SHVENds-P1600n / p / k / d	SHVENdsn-P1600n / p / k / d	1610 x 930 x 2550 / 2350		
SHVENds-P1800n / p / k / d	SHVENdsn-P1800n / p / k / d	1910 x 930 x 2550 / 2350		
SHVENds-N1200n / p / k / d	SHVENdsn-N1200n / p / k / d	1310 x 930 x 2550 / 2350	Stainless steel with edging	
SHVENds-N1600n / p / k / d	SHVENdsn-N1600n / p / k / d	1610 x 930 x 2550 / 2350		
SHVENds-N1800n / p / k / d	SHVENdsn-N1800n / p / k / d	1910 x 930 x 2550 / 2350		
SHVENds-K1200k / D1200d	SHVENdsn-K1200k / D1200d	1310 x 930 x 2550 / 2350	Solid ceramic / Durcon With edging	k — Solid ceramic d — Durcon
SHVENds-K1600k / D1600d	SHVENdsn-K1600k / D1600d	1610 x 930 x 2550 / 2350		
SHVENds-K1800k / D1800d	SHVENdsn-K1800k / D1800d	1910 x 930 x 2550 / 2350		

ADDITIONAL OPTIONS AND ACCESSORIES:

VENTILATION MONITOR

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ACCESSORIES FOR SHV

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MOBILE TABLES

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SPECIAL SOLUTION FOR FUME CUPBOARDS OF SHV AND SHVEN SERIES



EXPLOSION-PROOF DESIGN

When working with HFL and petrochemicals, explosion protection is the most important personnel safety requirement. Having realized the priority of this aspect, we included special explosion-proof elements in an additional configuration of fume cupboards of SHV and SHVEN Series.

ACID-PROOF DESIGN

The fume hoods «Analytica» of SHV and SHVEN Series include additional protection of critical areas for operation in aggressive environment and at high temperature. It allows to achieve maximum use period without apparent cost increase.

SPECIAL SOLUTIONS FOR FUME CUPBOARDS

**POLYPROPYLENE**

Polypropylene lining of fume cupboard operating chamber.

**SOLID CERAMIC LINING**

Lining of operating area with solid plates of solid ceramic (400 mm high) is necessary for protection against high-temperature exposure.

**POLYPROPYLENE EDGING**

Built-in edgings made of polypropylene, both in one section of the cupboard, and in entire cupboard.

**EXPLOSION-PROOF DESIGN**

The fume cupboard is equipped with explosion-proof luminaire Ex and remote switch.

**STAINLESS STEEL**

Stainless steel lining (grade AISI 304 and 323) of operating chamber. The fume cupboards are made of stainless steel.

**EQUIPMENT INTEGRATION**

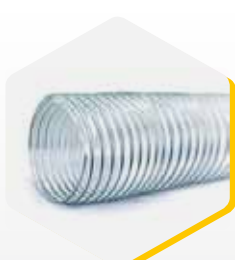
An example — glass ceramic heating panel with remote control. Installation of your equipment is also possible*.

**CORROSION-RESISTANT SEWAGE SYSTEM**

Sewage system (syphon, outlets, hoses) in special corrosion-resistant design of stainless steel and Teflon for draining of petrochemicals, acids and caustics.

**ADDITIONAL SUPPLIES**

Additional installation of sockets USB and RJ45, water lines, compressed air and / or gases.

**ACID RESISTANT AIR-DUCT**

Depending on working conditions it can be made of different materials (PVC, polypropylene and etc.).

**DEMONSTRATION CUPBOARD**

Side panels of the operating chamber, made of transparent glass Triplex, allow the analysis to be clearly evident and controlled.

**GLOVE BOXES**

Necessary to protect operator against impact of hazardous substances. The boxes are installed in screens of fume cupboards of SHV and SHVEN Series.

**DECORATIVE MOULDINGS**

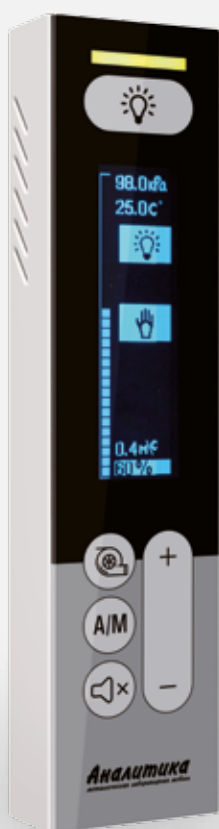
Used for hidden utility system of the fume cupboards. Various versions are available.

* Can be implemented if the customer provides description of technical process and detail drawings.



VENTILATION EFFECTIVENESS CONTROL MONITOR «ANALYTICA»

M



Air flow speed indication

Temperature and chamber pressure indication

Control of gate valve with variable frequency drive or fan*

Integration with the upper-level ventilation automation system **

Fire protection system*

Audible and light indication

Light control

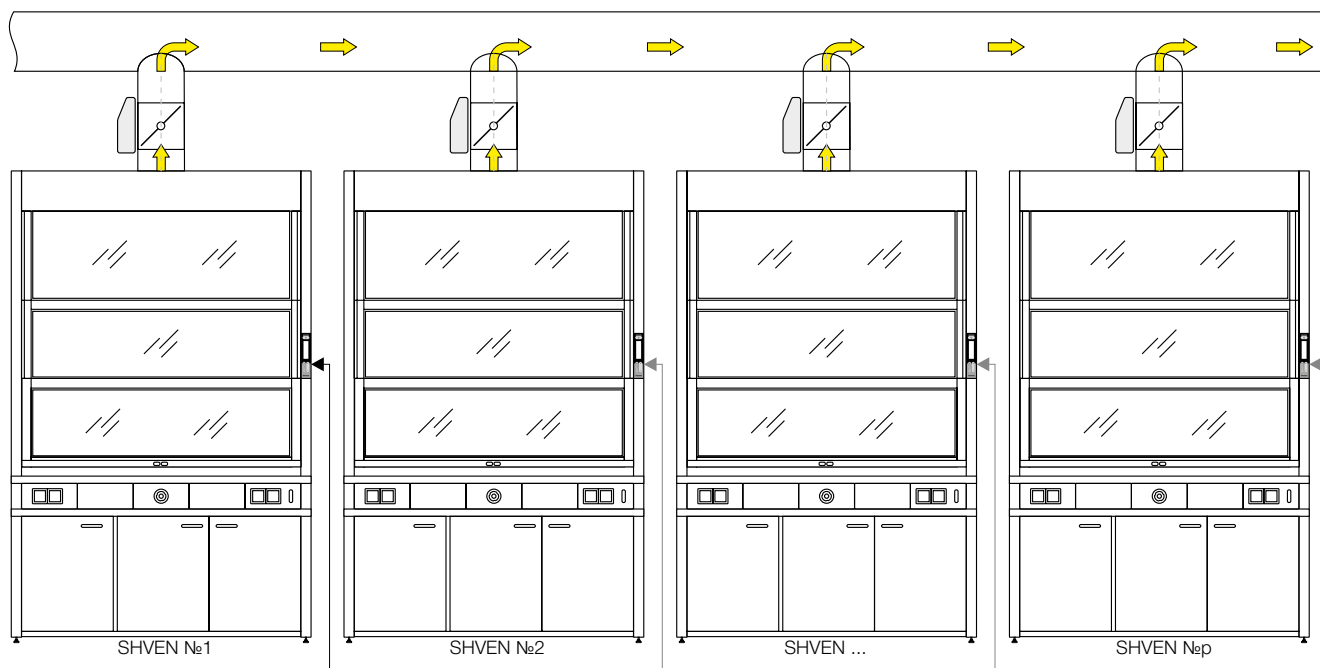
BASIC ADVANTAGES:

- » Self-engineered product
- » Applied with fume cupboards of SHV and SHVEN Series
- » Control of gate valve or fan can be performed manually or automatically
- » Touch-sensitive control

* Optionally

** Special design

VENTILATION EFFECTIVENESS CONTROL MONITOR «ANALYTICA» (M)



Ventilation effectiveness control monitor «Analytica»

ВАРИАНТЫ СПЕЦИАЛЬНОГО ИСПОЛНЕНИЯ:

Cat. № 02 Control of the gate valve with variable-frequency drive

Operator specifies necessary air flow rate, on the basis of this information, the controller adjusts the position of the gate valve, depending on the screen position. Fan control option is also available (applied for stand-alone fume cupboards).

Cat. № 03 Fire fighting system

Flame sensor is installed in the chamber of the fume cupboard; in case of fire the controller closes the gate valve.

Cat. № 04 Integration with ventilation automation system of the upper level

The monitor and controller are supplied without gate valve in this configuration. The controller sends an analogue/digital signal to the central controller, which, in its turn, controls the drives.



The above provided solutions are individual and can be discussed at the ventilation designing stage. Output signal type depends on upper level automation.

Ventilation effectiveness control monitors «Analytica» (M)

Cat. №	Description	Package
M01	Basic configuration without adjustment option	monitor, flow sensor
M02	Configuration with gate valve adjustment	monitor, flow sensor, controller, gate valve with variable-frequency drive
M03	Configuration with gate valve adjustment and fire fighting system	monitor, flow sensor, controller, gate valve with variable-frequency drive, fire sensor
M04	Configuration with an opportunity to integrate in upper level systems	Monitor, flow sensor, controller



CUPBOARD FOR HEAT CHAMBERS SHVT



Please, pay attention!

The construction and overall dimensions have been changed
Page. 75

Stand-mounted panel

Hidden utility system

Shelf for thermostat

BASIC ADVANTAGES:

- » Increased dimensions allow to install large heat chambers
- » Possible complete set with electrical unit and lifting screen

CUPBOARD FOR HEAT CHAMBERS (SHVT)



Cupboards for heat chambers are used for arrangement of heat chambers of different purposes. If necessary, the cupboards can be equipped with electrical unit and lifting screen.

YOU CAN BE INTERESTED IN:

CUPBOARDS FOR HEAT CHAMBERS (SHVT)		
Cat. №	Overall dimensions, mm	Worktop
SHVT-PT900	960 x 750 x 2130	Laboratory plastic
SHVT-PT1200	1260 x 750 x 2130	
SHVT-PT1500	1560 x 750 x 2130	
SHVT-P900	960 x 750 x 2130	Ceramic granite tiles
SHVT-P1200	1260 x 750 x 2130	
SHVT-P1500	1560 x 750 x 2130	
SHVT-N900	960 x 750 x 2130	Stainless steel with edging
SHVT-N1200	1260 x 750 x 2130	
SHVT-N1500	1560 x 750 x 2130	
SHVT-K900	960 x 750 x 2130	Solid ceramic
SHVT-K1200	1260 x 750 x 2130	
SHVT-K1500	1560 x 750 x 2130	
SHVT-D900	960 x 750 x 2130	Durcon
SHVT-D1200	1260 x 750 x 2130	
SHVT-D1500	1560 x 750 x 2130	

PEDESTALS
Rolling, hanging

p. 46-47



FANS

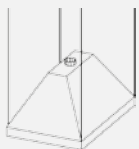
p. 77



ADDITIONAL OPTIONS AND ACCESSORIES:

Option	Designation	Description	Example
Electrical unit	E	2 splash-proof sockets, automatic circuit breaker 25 A	SHVT-PT1200-E
Lifting screen	PD	Lifting screen	SHVT-PT1200-PD

Example: SHVT-PT1200-E | Cupboard for heat chambers 1260 x 730 x 900 / 2130 mm, worktop — laboratory plastic, electrical unit



EXHAUST HOODS ZV



Available mounting variants:

- ▶ Ceiling mounting
- ▶ Wall mounting

Available options:

- ▶ Steel with epoxy coating
- ▶ Stainless steel
- ▶ Polypropylene

BASIC ADVANTAGES:

- » All necessary mounting hardware and air-duct are included in the scope of supply
- » Wide range of sizes and performances
- » Available design with luminaire (option)

EXHAUST HOODS (ZV)



EXHAUST HOODS (ZV), STEEL WITH EPOXY COATING

Кат. №	Габаритные размеры, мм	Описание
ZV-600	600 x 600 x 450	Colored steel, aluminium air-duct 80 mm
ZV-900	900 x 600 x 450	
ZV-1200	1200 x 600 x 450	Colored steel, aluminium air-duct 200 mm
ZV-1500	1500 x 600 x 450	

EXHAUST HOODS (ZV), STAINLESS STEEL AISI 304

ZV-600-Nzh	600 x 600 x 450	Stainless steel, PVC air-duct 80 mm
ZV-900-Nzh	900 x 600 x 450	
ZV-1200-Nzh	1200 x 600 x 450	Stainless steel, PVC air-duct 200 mm
ZV-1500-Nzh	1500 x 600 x 450	

EXHAUST HOODS (ZV), POLYPROPYLENE

ZV-600-Pp	600 x 600 x 450	Polypropylene, PVC air-duct 80 mm
ZV-900-Pp	900 x 600 x 450	
ZV-1200-Pp	1200 x 600 x 450	Polypropylene, PVC air-duct 200 mm
ZV-1500-Pp	1500 x 600 x 450	

MOUNTING VARIANTS

Wall mounting
/ 01 /Ceiling mounting
/ 02 /

Exhaust hoods are applied for local, spot ventilation. Our line includes exhaust hoods made of colored steel, stainless steel AISI 304 and polypropylene. In addition to standard versions, it is possible to manufacture the product as per the client's dimensions. There are two mounting variants: wall mounting and ceiling mounting.

FANS

In accordance with the user requirement we can choose and install the fans of different types: in-line and centrifugal, explosion-proof and acid-resistant fans.



In order to choose the right fan, it is necessary for us to receive your detailed description of tasks and processes.

ADDITIONAL OPTIONS AND ACCESSORIES:

Option	Designation	Description	Example
Luminaire	S	Luminaire for operating area	ZV-900-02-S
Luminaire ex	EX	Explosion-proof luminaire	ZV-900-02-EX

Example:
ZV-900-02-S | Exhaust hood 900 x 600 x 450 mm, steel with epoxy coating, ceiling mounting, luminaire



SUCTION HOODS FUMEX

Sweden

FUMEX
PURE ADVANTAGE

Available mounting variants:

- ▶ Ceiling mounting
- ▶ Wall mounting
- ▶ To the service desk

Available variants:

- ▶ Acid-resistant
- ▶ Explosion-proof (spark-proof)

BASIC ADVANTAGES:

- » Optimal ventilation of the operational space
- » Wide dimension range (different in dimensions, tube diameter and number of degree of freedom)
- » Smoothly manipulated and stably fixed in any selected position
- » Wide choice of head pieces and mounting hardware

SUCTION HOODS FUMEX



The suction hoods Fumex provide low ventilation noise level and low pressure drop thanks to unique joint design and rigid mountings. The suction hoods are made of ABS-plastic, anodized aluminum, PVC. Operated at a temperature from -15 to +80 °C. Simple clean design and grey and white color solution allow to suit the interior of laboratories successfully.

Tube diameter, mm

50	75	100
----	----	-----



Choice of the necessary model of the suction hood is performed at the time of order.

CEILING
MOUNTING



HEAD PIECES FUMEX FOR ANY TASKS:

**Nozzle**

используется для труднодоступных мест.

**Metal dome**

используется при работе в агрессивной среде.

**Transparent dome**

Suitable for light gases. Does not block view during work.

**Square-angled head-piece**

Suitable for location above the source of pollution.

**Flat screen**

Designed for viewing the object of use without distortion.

**Flexible head-piece**

Designed for point adjustment without loss of air flow.

WALL
MOUNTING



MOUNTING TO
THE SERVICE
DESK





ADDITIONAL EQUIPMENT AND ACCESSORIES

Miele / Carlos Arboles / Swagelok

Miele

INTEGRATION WITH MIELE



In collaboration with Miele company, we developed products with integration of automatic machines for laboratory glass washing. Our solutions allow Miele equipment seamlessly blend into your laboratory.

Available integration variants:



► To wall-type table



► To washer



► To fume cupboard












Configuration and completion are discussed at the time of order, depending on the chosen model of automatic machine for laboratory glass washing.

CARLOS ARBOLES S.A

ACCESSORIES CARLOS ARBOLES

Hot and cold water taps	Valves for water, gases and vacuum
-------------------------	------------------------------------

Material– brass in special laboratory design– with polymer coating, protecting against corrosion, valve housing – ABS-plastic.

Desktop and wall design		Flexible hoses for connection	
	Wall-type tap for cold water (applied for ShV, ShVEN, SPH) Model 6802		Ground level control valve for water (applied for ShV, ShVEN, SPH) Model 1711
	Hot/cold water tap (applied for ShV, ShVEN, MO) Model 115		Ground level control valves for compressed air/ pressurized gases (applied for ShV, ShVEN, SPH) Models 1715 / 1716
	Desktop cold water tap (applied for SOH and SPH) Model 6105		Ground level control valves for gas / vacuum (applied for ShV, ShVEN, SPH) Models 1713 / 1714
Special purpose taps		Safety shower	
Desktop and wall design		Floor-mounted version and desktop design	
	Desktop tap for demineralized water (polypropylene, plastic) Model 6299		Combined shower of floor-mounted version Model 4250
	Desktop cold water tap with extractable mousseur Model 320		
	Tap for long test tubes, height from the worktop is 540 mm Model 126		Eye shower of desktop design Model 3130

Swagelok

WORKING WITH GASES



Besides standard gas supply on the basis of the taps Carlos Arboles, we can also provide installation gas pipe on the basis of minor Swagelok components, taps and valves are mounted in unified female connectors of the segmented cable-duct.

These solutions are applied for wall-type tables, SPF, SPH, island tables, SOF, SOH, fume cupboards, ShV, ShVEN.

Also refer to Cupboards for balloons storage (Pages 84, 86).





LABORATORY STORAGE SYSTEMS

CUPBOARDS AND CABINETS FOR HFL / BALLOONS STORAGE

Nonflammable cupboards and cabinets for HFL storage / Balloons	84
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GENERAL LABORATORY CUPBOARDS AND STORAGE SYSTEMS

Cabinets for clothes / work clothes / balloons	86
Cupboards for storage of chemical reagents / glassware	88
Pullout cabinets / Sample storage cabinets	90

Accessory storage cabinet / Respirator storage cabinet	92
Hanging cabinets, shelf stands	94



NONFLAMMABLE CUPBOARDS AND CABINETS FOR HFL / BALLOONS STORAGE

TSHL / SHHL / SHHB



Shelves adjustable in
height

Cupboards for HFL
storage are completed
with special tray

Central lock with
an indicator

BASIC ADVANTAGES:

- » Cupboards and cabinets are designed in accordance with EN 14470-1
- » Fire-resistance 90 minutes is confirmed by certificate of Conformity GOST 30247.0-94
- » Automatic system of locking doors and vent bushing in case of fire at a temperature above 47 °C
- » The cabinets can be integrated into the cupboards of ShV and ShVEN Series

CUPBOARDS FOR HFL / BALLOONS STORAGE (SHHL / SHHB)



The furniture is designed with accordance with EN 14470-1 and certified in accordance with GOST R 30247.0-94. Fire – resistance is 90 minutes. Automatic system of locking doors and ventilation at a temperature above 47 °c. Contoured isolation of the doors with special thermal expanding material allows to exclude the explosion of HFL in case if fire in the laboratory.

Minimal metal intensity allows to avoid deformation at high temperatures, as well as to decrease the weight and increase the inner useful capacity.

CABINETS FOR HFL STORAGE (TSHL)



The furniture is designed in accordance with EN 14470-1 and certified in accordance with GOST R 30247.0-94. Fire-resistance is 90 minutes. It is equipped with the automatic system of locking doors and ventilation at a temperature above 47 °c. Contoured isolation of the doors with special expanding materials allows to exclude explosion of HFL in case of fire in the laboratory.



Sections with drawers



Sections with open-wide doors



Combined design

Cabinets for HFL storage (TSHL)		Cupboards for HFL storage (SHHL)		Cupboards for balloons storage (SHHB)	
Cat. №	Overall dimensions, mm	Cat. №	Overall dimensions, mm	Cat. №	Overall dimensions, mm
TSHL-600	600 x 570 x 600	SHHL-600	600 x 620 x 1955	SHHB-600	600 x 620 x 1955
TSHL-900	900 x 570 x 600	SHHL-900	900 x 620 x 1955	SHHB-900	900 x 620 x 1955
TSHL-1200	1200 x 570 x 600	SHHL-1200	1200 x 620 x 1955	SHHB-1200	1200 x 620 x 1955
TSHL-1500	1400 x 570 x 600	—	—	—	—



CUPBOARDS FOR CLOTHES / WORK
CLOTHES / BALLOONS
SHO / SHS / SHB



BASIC ADVANTAGES:

- » Two shelves: the upper shelf is for headwear, the lower one is for footwear
- » The doors can be locked
- » Safe storage of balloons with pressure gases
- » Air-duct is included in the scope of supply

CUPBOARDS FOR CLOTHES / WORK CLOTHES / BALLOONS (SHO / SHS / SHB)



CUPBOARD FOR CLOTHES

The cupboard for clothes is designed for storage of personnel uniform in the laboratory, personnel and production premises. The applied paint technology extends the service life by several times.



CUPBOARD FOR WORK CLOTHES

The cupboard is developed on the basis of the cupboard for clothes and is different in the fact, that there is separate storage of work and personal clothes.



CUPBOARD FOR BALLOONS

Proper storage of the balloons with gases – is an obligatory safety condition of your laboratory. The cupboard is equipped with the stainless steel portal and manufacturing holes for gas main lines connection, for convenient balloons installation.

Cupboard for clothes (SHO)			Cupboard for work clothes (SHS)			Cupboards for balloons (SHB)			
Cat. №	Number of doors	Overall dimensions, mm	Cat. №	Number of doors	Overall dimensions, mm	Cat. №	Number of balloons	Balloon capacity	Overall dimensions, mm
SHO-450-1	1	450 x 550 x 1850	SHS-450-1	1	450 x 500 x 1850	SHB-450-1	1	40 L	450 x 550 x 1850
SHO-600-1	1	600 x 550 x 1850	SHS-600-1	1	600 x 500 x 1850	SHB-600-1	2	40 L	600 x 550 x 1850
SHO-800-2	2	800 x 550 x 1850	SHS-800-2	2	800 x 500 x 1850	SHB-900-2	2/3	40 L	900 x 550 x 1850
SHO-900-2	2	900 x 550 x 1850	—	—	—	SHB-1050-2	8	5 / 10 L	1050 x 550 x 1850



Vent bushing diameter is 80/100 mm.



The cupboards are designed for installation of one / two / three gas balloons 40 L, as well as for balloons with capacity 20 / 10 and 5 L.



Pull-out portal is made of stainless steel.



CUPBOARDS FOR STORAGE OF CHEMICAL REAGENTS / GLASSWARE

SHR / SHP



BASIC ADVANTAGES:

- » Polypropylene trays for chemical reagents storage, air-ducts are included in the scope of supply
- » Cupboards for chemical reagents storage are additionally covered by zinc-rich coating
- » Polypropylene lining of the inner chamber (option)
- » Doors can be locked

CUPBOARDS FOR STORAGE OF CHEMICAL REAGENTS / GLASSWARE (SHR / SHP)

**CUPBOARD FOR GLASSWARE STORAGE**

The cupboard is designed for storage of laboratory glassware and documents in your laboratory. There are four shelves in the cupboard. The doors are equipped with the magnetic latch.

**CUPBOARDS FOR CHEMICAL REAGENTS STORAGE**

The cupboard is designed for safe storage of nonflammable hazardous substances in polypropylene trays, installed on the shelves. The cupboard is connected with ventilation system.

**POLYPROPYLENE LINING OF THE CUPBOARDS FOR CHEMICAL REAGENTS STORAGE****CUPBOARDS FOR GLASSWARE STORAGE (SHP)**

Cat. №		Number of doors	Doors material		Overall dimensions, mm
Standard design	Polypropylene lining		Lower	Upper	
SHP-450-2	—	2	Metal	Hardened glass	450 x 550 x 1850
SHP-600-2	—	2	Metal	Hardened glass	600 x 550 x 1850
SHP-800 / 900-4	—	4	Metal	Hardened glass	800 / 900 x 550 x 1850
SHP-450-2M	—	2	Metal		450 x 550 x 1850
SHP-600-2M	—	2	Metal		600 x 550 x 1850
SHP-800 / 900-4M	—	4	Metal		800 / 900 x 550 x 1850
SHP-450-2-R1	—	2	Metal	Glass in frame	450 x 550 x 1850
SHP-600-2-R1	—	2	Metal	Glass in frame	600 x 550 x 1850
SHP-800 / 900-4-R2	—	4	Metal	Glass in frame	800 / 900 x 550 x 1850
SHP-450-R1	—	1	Glass in frame		450 x 550 x 1850
SHP-600-R1	—	1	Glass in frame		600 x 550 x 1850
SHP-800 / 900-R2	—	2	Glass in frame		800 / 900 x 550 x 1850

CUPBOARD FOR STORAGE OF CHEMICAL REAGENTS (SHR)

SHR-450-1	ШП-450-1pp	1	Metal Metal / Polypropylene		450 x 550 x 1850
SHR-600-1	ШП-600-1pp	1	Metal Metal / Polypropylene		600 x 550 x 1850
SHR-800 / 900-2	ШП-800 / 900-2pp	2	Metal Metal / Polypropylene		800 / 900 x 550 x 1850
SHR-450-R1	—	1	Glass in frame		450 x 550 x 1850
SHR-600-R1	—	1	Glass in frame		600 x 550 x 1850
SHR-800 / 900-R2	—	2	Glass in frame		800 / 900 x 550 x 1850



PULLOUT CUPBOARDS / SAMPLE STORAGE CUPBOARDS

SHH-VS / SHO



BASIC ADVANTAGES:

- » Pullout section allows to use all the space of the cupboard*
- » Full drawer opening increases overview and facilitates access to the stored materials
- » Glass doors are equipped with magnetic latches
- » Drawers and doors can be locked

*Wall mounting of the cupboard is obligatory

SAMPLE STORAGE CUPBOARD (SHO)



The cupboard consists of two parts:



The upper section

Consists of 4 shelves, positioned under an inclination, such a design solution allows to demonstrate the samples on the shelves;



The lower section

The section is represented as a storage zone, equipped with five drawers.

Cat. №	Overall dimensions, mm
SHHO-600-1	600 x 550 x 1850
SHHO-800-2	800 x 550 x 1850
SHHO-900-2	900 x 550 x 1850

PULLOUT STORAGE CUPBOARD (SHH-VS)



The cupboard is designed for storage of liquid and solid materials in certain containers. There are two design variants: one or two pullout sections. Basic configuration includes five shelves-trays.



Не предназначен для хранения:

- ▶ легко воспламеняющихся жидкостей,
- ▶ самовоспламеняющихся или саморазлагающихся веществ,
- ▶ кислот и щелочей.

Cat. №	Overall dimensions, mm
SHH-600-1VS	600 x 550 x 2100
SHH-900-2VS	900 x 550 x 2100



Height adjustment of the trays



High-quality accessories



The lower tray for leak localization



ACCESSORY STORAGE CUPBOARD /
RESPIRATOR STORAGE CUPBOARD
SHHPR / SHPR



BASIC ADVANTAGES:

- » Each door can be locked
- » Convenient shelf for storage of small items in each cell
- » Convenient access to personal protection means
- » Additional place for emergency reserve storage

ACCESSORY STORAGE CUPBOARD (SHHpr)



The cupboard provides convenient access and arranged storage of the accessories. There are two available variants: 4 and 8 sections. Each section is equipped with the lock, kept under lock and key. There is a metal shelf in each section.

Cat. №	Overall dimensions, mm
SHHpr-600-1	600 x 550 x 1850
SHHpr-800-2	800 x 550 x 1850
SHHpr-900-2	900 x 550 x 1850

RESPIRATOR STORAGE CUPBOARD (SHpr)



The cupboard is designed to provide quantity and quality safety of personal protective means (respirators) during the whole storage period. The cupboard also allows to keep the respirators ready for use as intended at the stated time.

There are two available variants of the cupboards: 20 and 16 sections.

The cupboard with 16 sections includes an additional lower section, designed for storage of emergency reserve of personal protective means. (SHpr-650A).

Cat. №	Overall dimensions, mm
SHpr-650	650 x 600 x 1850
SHpr-650A	650 x 600 x 1850



HANGING CABINETS, SHELF STANDS

SHN, S



BASIC ADVANTAGES:

- » Integration of hanging cupboards into the service panel
- » Different versions of design
- » An opportunity to manufacture the shelf stand of nonstandard size
- » The shelf stands are made of stainless steel

HANGING CUPBOARDS (SHN)



The hanging cupboards are designed for laboratory glassware storage, storage of expandable materials, documents and nonaggressive chemical reagents. There is a metal shelf. The cupboards can be wall attached, as well as they can be attached to the service panel of physics and chemistry tables.

Equipment possibilities of the hanging cupboards:

- ▶ without doors
- ▶ glass sliding doors
- ▶ metal open-wide doors

Cat. №			Overall dimensions, mm
Without doors	Glass sliding doors	Metal wide-open doors	
SHN-900	SHN-900s	SHN-900m	900 x 330 x 450
SHN-1200	SHN-1200s	SHN-1200m	1200 x 330 x 450
SHN-1500	SHN-1500s	SHN-1500m	1500 x 330 x 450

SHELF STANDS (S)



The shelf stands are ideal for proper organization of the warehouse area.

The stands are designed for storage of different materials and finished products, they consist of four vertical panels and five shelves, made of sheet steel.

The shelves are adjusted in height. Spread of holes for shelf mounting – 90 mm.

Design of the shelves allows to carry load up to 100 kg.

Floor mounting with the help of adjustable supports.

Cat. №		Overall dimensions, mm
Steel with polymer coating	Stainless steel	
S-700	S-700nzh	700 x 500 x 2000
S-800	S-800nzh	800 x 500 x 2000
S-900	S-900nzh	900 x 500 x 2000
S-1000	S-1000nzh	1000 x 500 x 2000
S-1200	S-1200nzh	1200 x 500 x 2000





SPECIAL FURNITURE

Operator's workplace	98
File bench	98



OPERATOR'S WORKPLACE RMO



FILE BENCH VS



BASIC ADVANTAGES:

- » Unique product, is unequalled in the domestic market
- » Can be equipped with luminaire, grips, shelves, electrical sockets
- » Optimal use of working space
- » Drawers and doors can be locked

OPERATOR'S WORKPLACE (RMO)

The workplace is specially designed for in-process control of multiflow engineering processes. It is represented as a table with an integrated service desk, worktop, stand for computer system blocks. Monitor holders are installed on the service desk.

Cat. №	Overall dimensions, mm
RMO-Pt1200	1325 x 1067 x 750 / 1463
RMO-Pt1500	1625 x 1067 x 750 / 1463



An electrical unit and stands for system block are located in the cabinets.



Number of holders for monitors can be increased.



There is ventilation in the doors to cool system blocks of computers.



Possible manufacture of nonstandard sizes for more operators with integration of server hardware.

FILE BENCH (VS)

The file bench is represented as framed structure with panels and inserts, made of sheet steel, with hanging pedestals and rubber-coated worktop. In a standard way it is completed with a screen-panel, lower shelf, hanging pedestal (with three drawers) and a hanging pedestal with door.

Cat. №	Overall dimensions, mm
VS-1200	1200 x 750 x 900
VS-1600	1650 x 750 x 900



Can be equipped with protective screen, grips, electrical sockets and luminaire.



Rubber-coated surface for hard mechanical work.



Strengthened structure of the table base with adjustable supports.

ADDITIONAL OPTIONS AND ACCESSORIES

Option	Designation	Description	Example
Screen	Z	Protective screen 400 mm high	VS-1200-Z
Grips	T / 2T	Installation of one or two grips	VS-1200-T
Luminaire	S	Operating zone luminaire	VS-1200-S
Electrical unit	E	4 splash-proof sockets, shutdown automatic circuit breaker 25 A	VS-1200-E

Example:
VS-1200-ZT

File bench 1200 x 750 x 900 mm,
protective screen, one grips



Определение некариотипа
применяя ГОСТ 6378

Методика определения
клеточной культуры



ADDITIONAL FEATURES, ENGINEERING

Cooperation with «Metrologiya-Komplekt», LLC	102
Nonstandard color and design solutions	104



COOPERATION WITH
«METROLOGIYA-KOMPLEKT», LLC
The Moscow Region



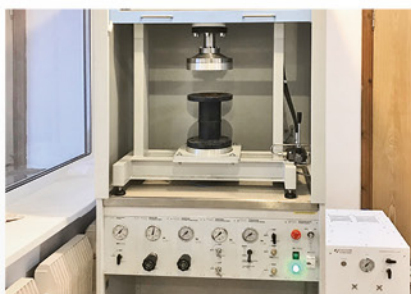
«Messoyakhaneftegaz», JSC

Metrological stand for automated verification of thermal resistance. The thermostats are in the cupboard.

LAST PROJECTS

Since 2017 company «Laboratory furniture «Analytica» has been working with «Metrologiya - Komplekt», LLC— Russian manufacturing company and supplier of calibration equipment. On the basis of metal laboratory furniture «Analytica», the company «Metrologiya - Komplekt» manufactures metrological stands for the factories of oil and gas, chemical and energy industries. Effective cooperation allowed to develop our own engineering solutions in

designing and assembly of the stands, metrological laboratories, workspaces and classrooms. Thanks to flexible system of the assembly and module-type construction, the stands can be of different complication, completed with any equipment. Metrological stands, developed on the basis of metal laboratory furniture «Analytica», are notable for functionality, reliability, contemporary design and high degree of efficiency, which is achieved by automation of verification processes.



«CSM - Kolomna», LLC

Flow gauge (max. diameter 150 mm, operating pressure up to 4 mPa) leakage test unit.



«Novatek-Yurharovneftegaz», LLC

Automated gas analyzer verification stand.



«Cryogas-Vysotsk» LNG

Gas analysis laboratory. Automated gas analyzer verification stand.



«Zapsibneftekhim», LLC, «Sibur»

Automated stand of thermal resistance verification. The thermostats are in the fume



«Zapsibneftekhim», «Sibur», LLC

Gas analysis laboratory. Automated gas analyzer verification stand.



Pregolskaya TPP

Gas analyzers verification stand.



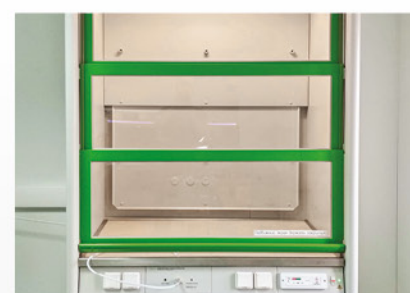
FSI «Klin Centre of Standardization, Metrology and Certification»

Flow gauge (operating pressure 2 mPa) leakage test unit.



«Yamal LNG», OJSC

Automated gas analyzers and chromatographs verification stand.



Gas analyzers verification stand.



NONSTANDARD COLOR AND DESIGN SOLUTIONS



YOUR FANTASY, BROUGHT INTO METAL

Modern laboratory doesn't have to be white or light-grey.

We are happy to realize unordinary solutions. Such solutions may include: color solution of the furniture, coming from design-project or brand book; uncommon worktops or constructive proposals, fit in laboratory relief.

You can see some realized solutions on the examples of some laboratories.



Color solutions are matched as per Ral scale.

The order is discussed preliminary and separately. Design – projects and outline drawings are discussed with customers as well.

LAST PROJECTS



Concern «Kalina», «Unilever»,
2015

The laboratory furniture is colored to two colors with a focus on visual space zoning. Black solid ceramic was chosen for contrast.



«Voronezhskintezkauchuk», JSC
«Sibur», 2018

Details of the laboratory furniture are colored in accordance with corporate design of «Sibur» company.



«Zarubezhneft», JSC
2018

Elements of the furniture are colored in brand colors of «Zarubezhneft», JSC in accordance with brand book of the company



Skolkovo Institute of Science and
Technology (Skoltech), 2020

Graphite color furniture with orange details.



Metal laboratory furniture «Analytica»

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