

made in germany



SYSTEM LAB FURNITURE AND UNITS





SYSTEM LAB FURNITURE



SYSTEM LAB FURNITURE

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FLOOR CABINETS

Basic module	8-9
Doors and drawers	10-13
Work surface	14-17



WALL CABINETS

Shelves, utilities access	18-19
Wall units	20-21



LAB

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Safety cabinets	30-31



The concept of our system lab furniture is founded on 4 corner stones:

QUALITY

Criteria for our furniture are based on the exacting requirements of industry and laboratories. The combination of high-quality materials and carefully thought-out construction guarantees stability and lasting quality.

FLEXIBILITY

The ATM-system provides a customized and flexible platform for personal workspaces, entire buildings, and everything in between.

FUNCTIONALITY

Archiving solutions and covered cable guides ensure a well-organized and efficient workplace.

DESIGN

Clean lines and high-quality materials create a fascinating, timeless and homogeneous style.



COMFORT AND FUNCTIONALITY

The Lab Furniture System combines tried & tested ATM quality with a fully thought-out and flexible modular system. Starting with the basic module in Aluminium, each single cabinet element can be fitted out with drawers, doors, inserts and upper structures.

Special care in the construction can be seen in the detail: All furniture elements are screwed together and installed on site. The concept uses every centimeter to ensure optimum storage and use of working space. This furniture system can be either installed as free-standing or put to use in almost infinite combinations. The cabinet module can be moved with a pallet truck and then closed off by a skirting panel at the desired location.

ACCESS FOR UTILITIES

Conduit for utilities access is discreetly hidden inside the whole cabinet combination. Pillars for the shelving & wall units provide possibilities for integrating a range of different utilities.

LAB PLANNING

PHOTO 1





LAYOUT



PROCESS MEDIA CONNECTIONS

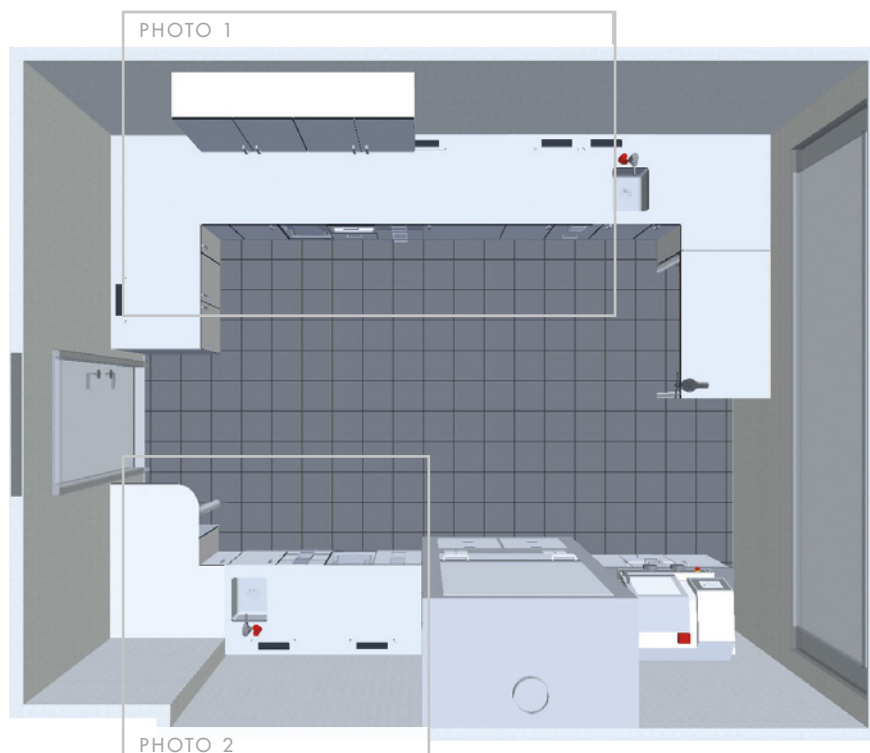


PHOTO 1

PHOTO 2



PHOTO 2



3D-PLANNING SOFTWARE

View your new lab virtually!

The ATM 3D Lab is a powerful computer program that allows you to view drawings of custom built equipment and laboratory layouts in a realistic, three dimensional format.

We would like to get inspired by your vision and work out individual solutions in cooperation, perfectly fitting almost any floor plan and demand.

After compiling a list of all materials and automatically generating a price quotation you can experience a scaled impression of your new workplace.

The furniture is completely manufactured in our company and meets highest quality demands

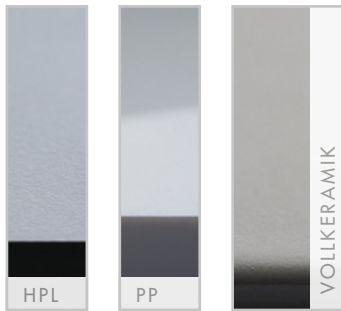
– “Made in Germany” by ATM.

FRAMEWORK

Our framework elements are manufactured from powder-coated Aluminium. The neutral soft-grey is ideally suited for extraordinary decor. The removable skirting boards enable easy transport to other locations with a pallet truck.



TRANSPORT OPENING



WORK SURFACES

With our carefully selected range of colours for work surface materials together with a framework of soft-grey, almost all normal loading situations are ensured. HPL is to be recommended as standard for toughness and load-bearing capacity. For resistance against chemical attack, PP material (also available with beading) takes you a step further. The solid-ceramic surface with run-off channels finally concludes the highest of loading standards.



SOLID-CERAMIC

DECOR

Bright & elegant appears the combination of soft-grey Aluminium framework and highly-polished white HPL with its characteristic black edges for doors and drawers. Other decors are available upon request.

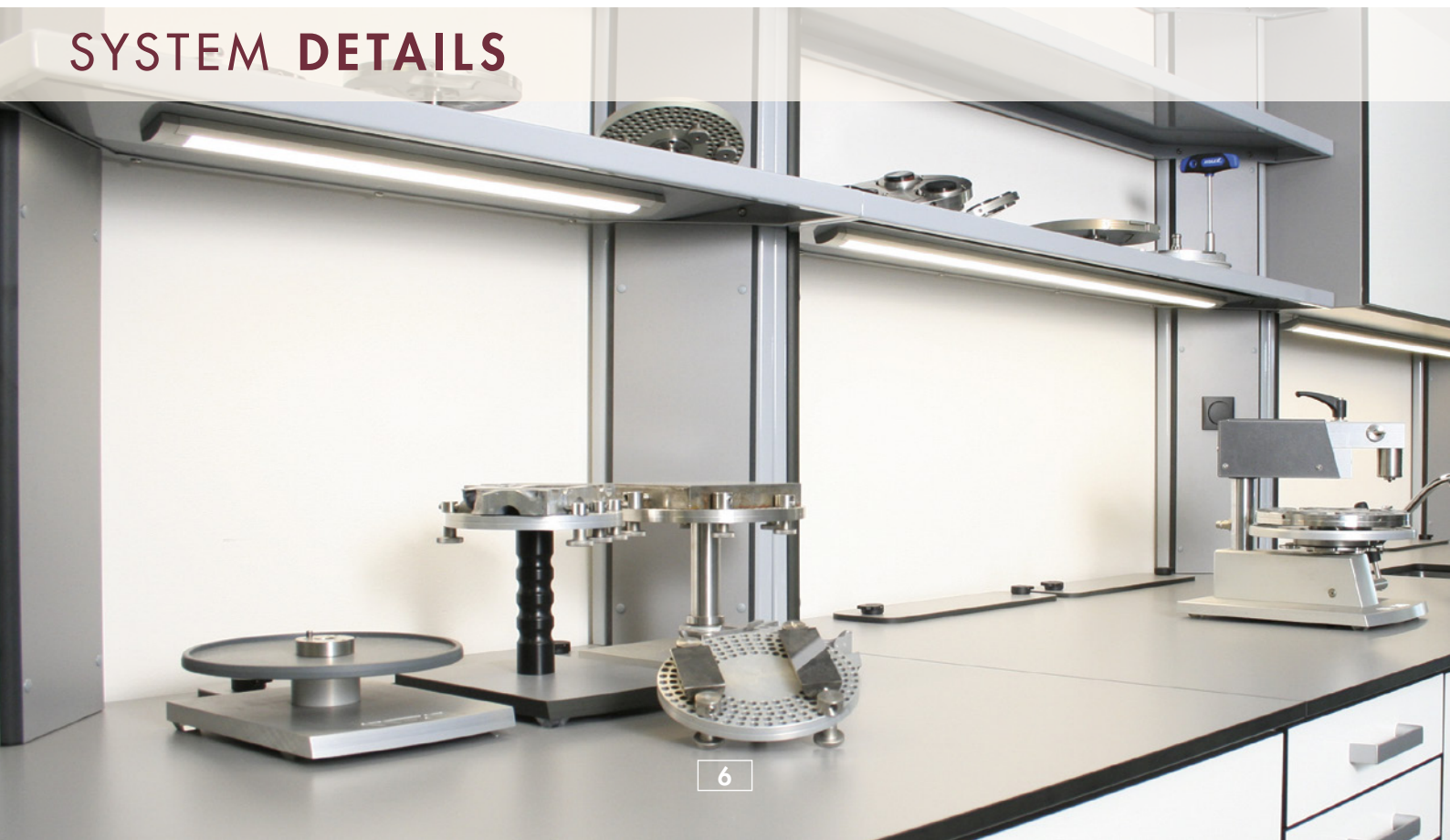
HANDLES

Chrome-plated cast metal handles have an anti-microbiological effect with their special powder-coating.



HANDLES

SYSTEM DETAILS

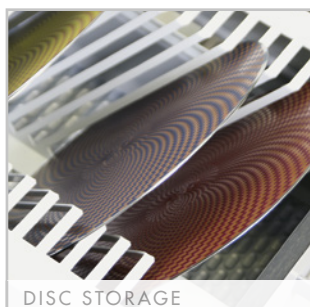




PORTS FOR UTILITIES



SOFT CLOSING



DISC STORAGE

BASIC MODULE

- ▶ Floor cabinets in 2 heights (800/900 mm)
- ▶ Concealed utility conduit

COMPARTMENTS

- ▶ Basic module 2 or 3-piece
- ▶ Doors single and drawers 1-2 compartments

DRAWERS AND DOORS

- ▶ Measurement unit 21 HT (800 mm)
- ▶ Measurement unit 24 HT (900 mm)
- ▶ Standard: highly-polished-HPL white with black edges
- ▶ Storage inserts such as disc storage or trash collector

WORK SURFACE

- ▶ HPL, PP or solid-ceramic, adapted to soft-grey

INSERTS

- ▶ Functional elements, such as recirculation cooling, safety cabinet, system cooler integrated into basic module
- ▶ Unit-related inserts for mounting, grinding, polishing and cleaning
- ▶ Built-in sink

SHELVES AND WALL UNITS

- ▶ Stable, free-standing pillar construction
- ▶ Utilities conduit integrated inside pillars, concealed conduit access
- ▶ Wall units with doors or swing-up flaps



HIGH PRESSURE LAMINATE (HPL)

Duroplastic HPL is produced by combining several layers of paper and resins under high pressure. Paper as a renewable raw material makes up about 60% of HPL. The top coating is made of robust and heat-resistant melamine.

In addition, it is especially shock- and wear-resistant. HPL has a higher durability than other conventional products. The surface is hygienically sealed and easy to clean.



2-PART/800



2-PART/900



CORNER /800

BASIC MODULE 2-PARTS

Width	880 mm	
Height	800 mm	900 mm
Order No.	A5810001	A5810003

CORNER CABINET

Width/Depth		
Height	800 mm	900 mm
Order No.	A5810007	A5810008

BASIC MODULE 3-PARTS

Width	1320 mm	
Order No.	A5810002	A5810004



3-PART/800

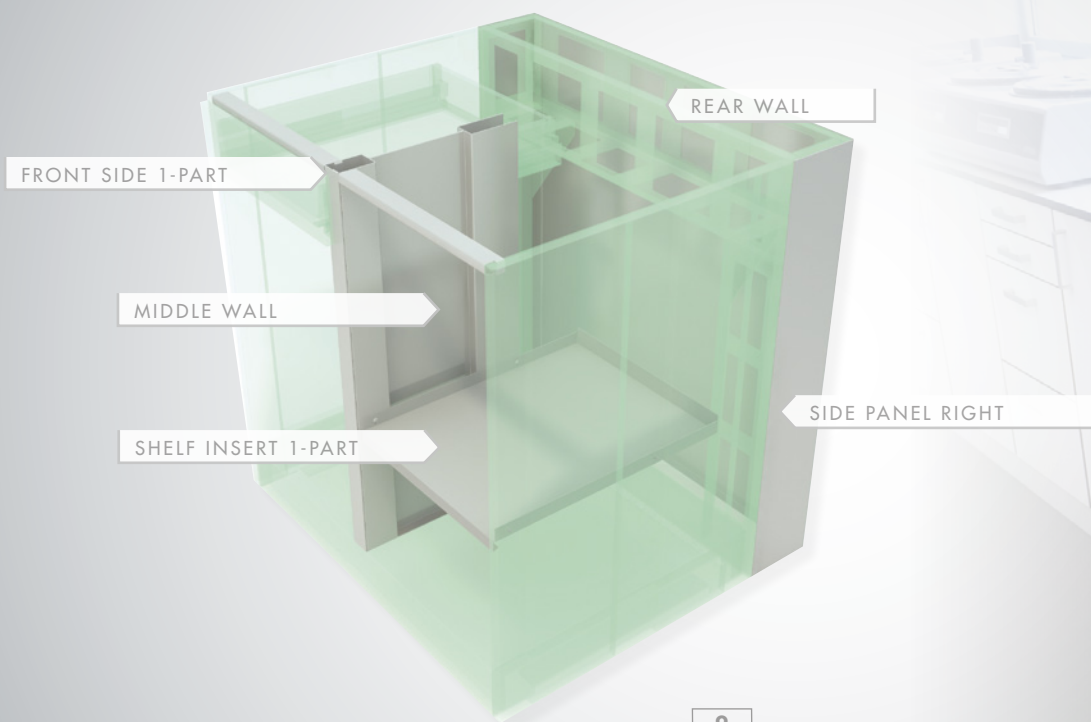


3-PART/900



CORNER/900

SYSTEM BASIC MODULE





END SECTION RIGHT/800



END SECTION RIGHT/900



END SECTION LEFT/800



END SECTION LEFT/900

END SECTION RIGHT

Width	1600 mm	
Height	800 mm	900 mm
Order No.	A5810011	A5810012

END SECTION LEFT

Order No.	A5810009	A5810010
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ISLAND END SECTION

Order No.	A5810013	A5810014
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ISLAND END SECTION/800



ISLAND END SECTION/900



BASIC MODULE

Framework is available in 2-part or 3-part versions and in 2 different heights for working. Combined with the corner and end section solutions, it is possible to optimally adapt combinations into almost every space..

PANELS

Rear panels and utility ports at the side can be fitted with panelling, so that a closed appearance is presented. And if doors and drawers are to be fitted, then middle wall and front panel can be added to fit.

Illustr. end stop right



DOORS

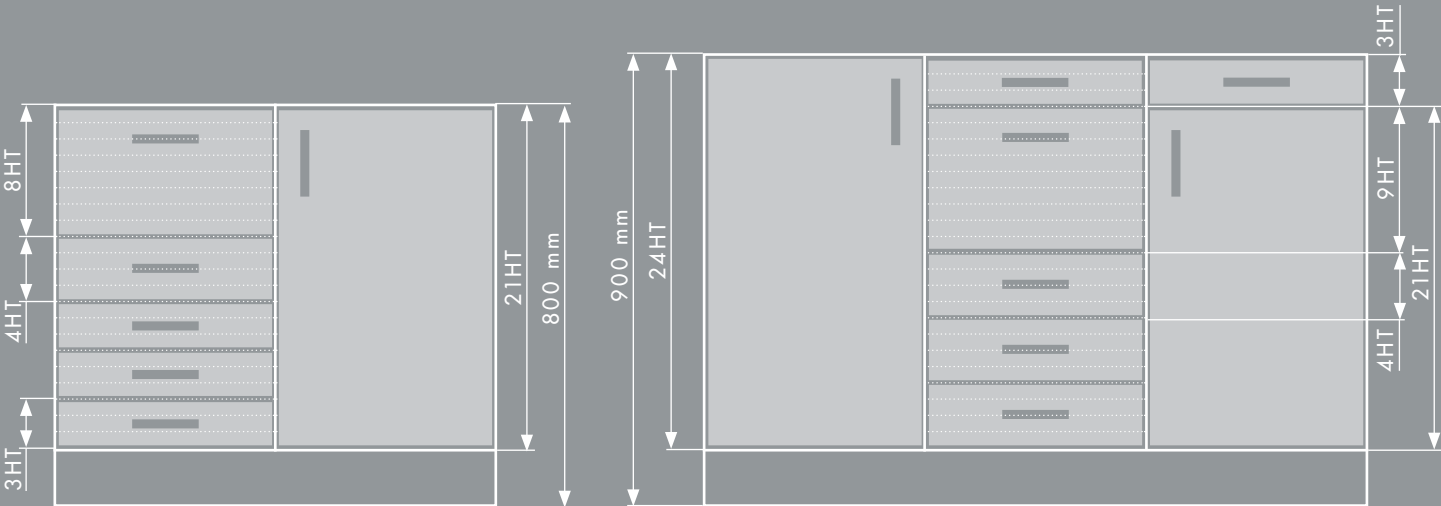
Width	440 mm				
Height	15 HT	18 HT	20 HT	21 HT (800 mm)	24 HT (900 mm)
End stop right					
Order No.	A5810047	A5810048	A5810243	A5810049	A5810050
End stop left					
Order No.	A5810043	A5810044	A5810242	A5810045	A5810046

TRAY INSERTS

Compartments	1	2
Order No.	A5810082	A5810083



SYSTEM DOORS AND DRAWERS



Illustr. end stop right



CORNER DOOR/800



CORNER DOOR/900

CORNER DOOR FOR CORNER CABINET

Basic module height	800 mm	900 mm
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End stop right

Order No.	A5810255	A5810257
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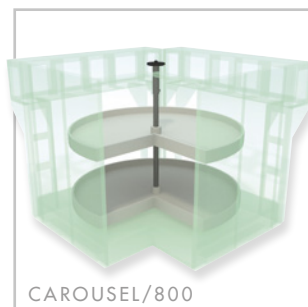
End stop left

Order No.	A5810256	A5810258
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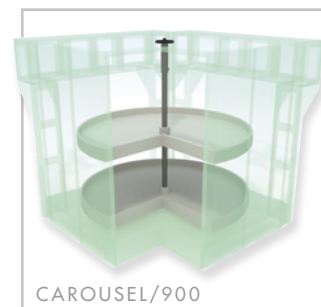


REVOLVING SHELVES FOR CORNER CABINET

Order No.	A5810072	A5810073
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CAROUSEL/800



CAROUSEL/900

Drawer height

HT	mm
3	92
4	124
8	252
9	284

Door height

HT	mm
15	476
18	572
20	636
21	668
24	764

HT-PRINCIPLE

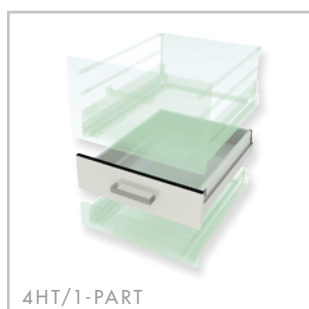
The ATM-developed HT modular system enables extraordinary design coupled with a pleasing appearance. Unevenness and unsightly alignment can be minimized through a combination of the different module heights.

Drawers and doors can be fitted in all combinations up to 21 HT (800 mm) i.e. 24 HT (900 mm). Fixtures in the working surface can be fitted with either 3 HT or 6 HT panels.

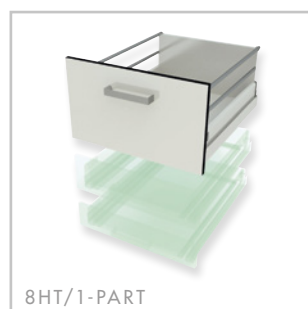




3HT/1-PART



4HT/1-PART



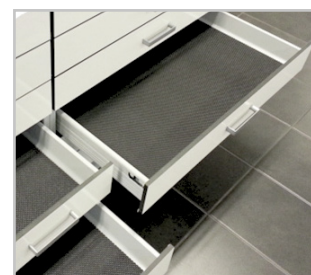
8HT/1-PART



9HT/1-PART

DRAWERS

Height	3 HT	4 HT	8 HT	9 HT
Width	440 mm (1-part)			
Order No.	A5810029	A5810030	A5810031	A5810317
Width	880 mm (2-part)			
Order No.	A5810051	A5810052	A5810053	



PROTECTIVE MAT

ANTI-SLIP PROTECTIVE MAT

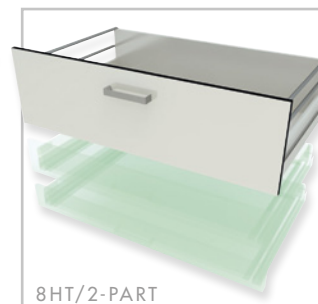
Compartments	1
Order No.	Z5810007
Compartments	2
Order No.	Z5810008



3HT/2-PART



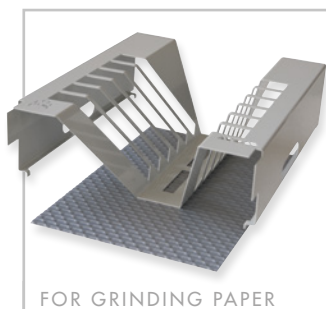
4HT/2-PART



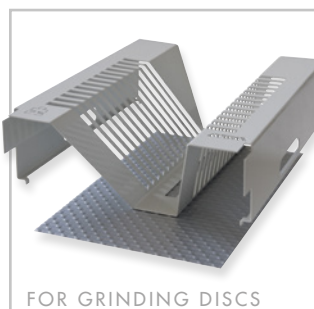
8HT/2-PART

SYSTEM DOORS AND DRAWERS





FOR GRINDING PAPER



FOR GRINDING DISCS



WASTE COLLECTOR

DISC STORAGE

Drawer insert	9 HT (1-part)
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for grinding paper

Compartments	6
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Order No.	A5810352
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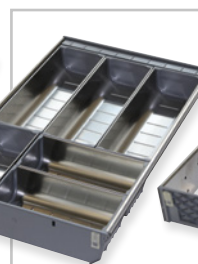
for grinding discs

Compartments	13
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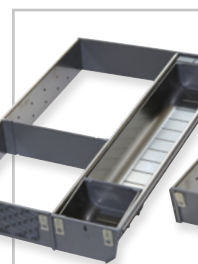
Order No.	A5810351
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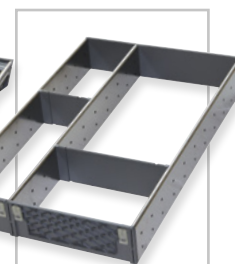
SET 1



SET 2



SET 3



SET 4

INSERT SETS

Set	1	2	3	4
Order No.	Z5810001	Z5810002	Z5810003	Z5810004

WASTE COLLECTOR

Height	15 HT	18 HT	20 HT	21 HT
Order No.	A5810272	A5810271	A5810270	A5810267

LIGHT AND SOFT CLOSING HINGES

The latest hinge technology generation enables doors to be closed easily and softly.

The sturdy broad drawer (2-part) with its parallel slide rails is distortion-free and sturdy even if it is pulled out completely. Drawers use a self-closing system which closes softly & quietly and without slamming.

INSERTS

Inserts sit comfortably inside the drawers, are non-slip and can be freely positioned in the width. Stainless steel sinks are removable.

WASTE COLLECTION

2 removable waste collectors have capacities of 8 and 17 liters and are hidden from view.





Illustr. extension to the right



HPL-WORK SURFACE

Compartments	2	3
Order No.	A5810037	A5810041

for end section

End section	left	right
Order No.	A5810115	A5810119

for island end section

Order No.	A5810208
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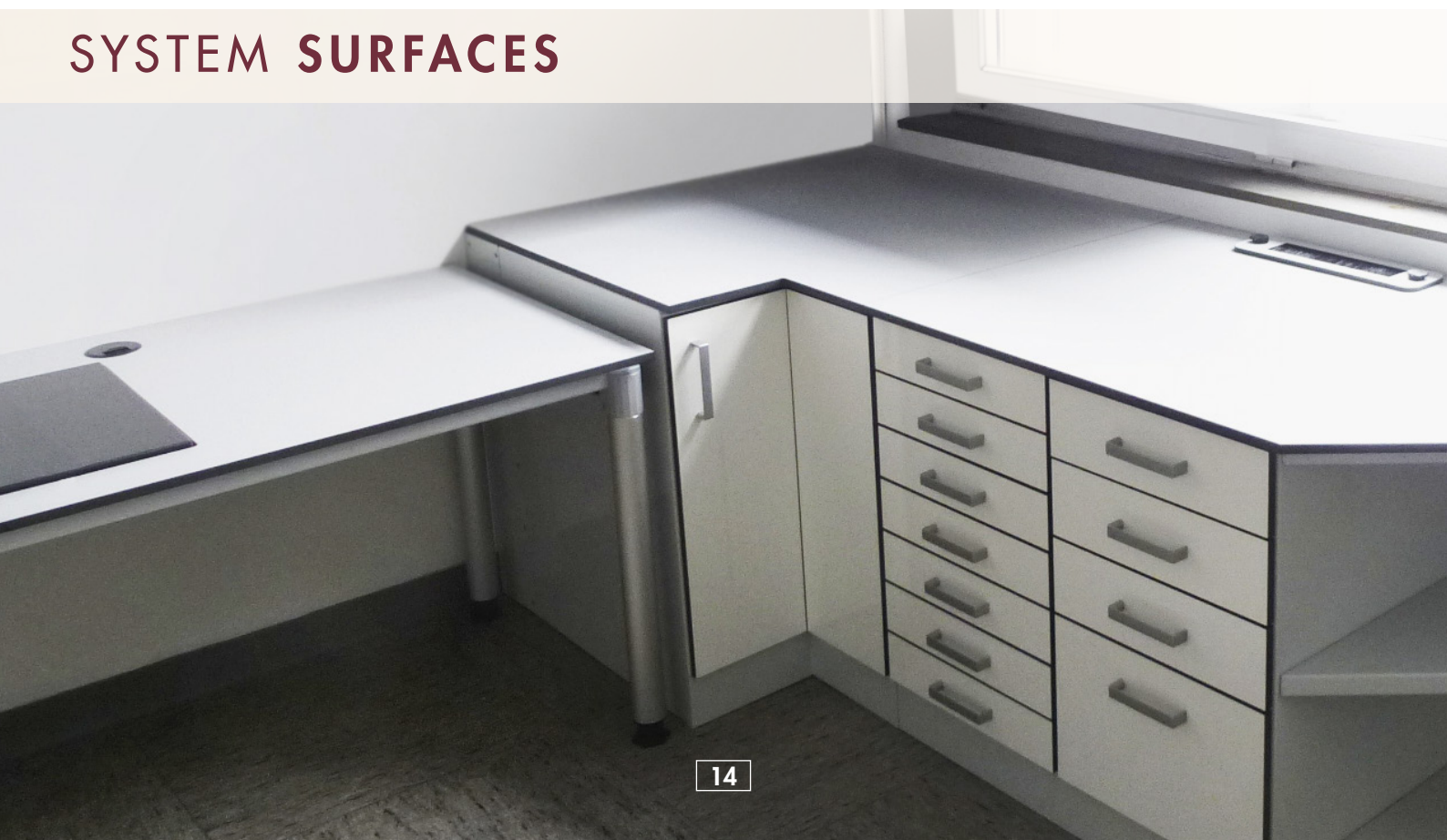
for corner cabinet

Order No.	A5810077
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Illustr. end section left

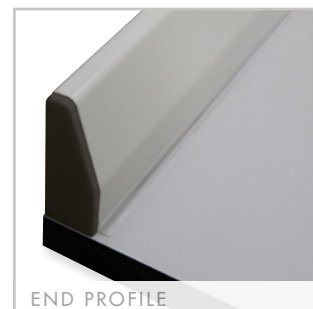


SYSTEM SURFACES





SPACING PANEL



END PROFILE

WORKING SURFACE EXTENSION

Compartments	2	3
Extension left		
Order No.	A5810337	A5810339
Extension right		
Order No.	A5810338	A5810340



OTHER SURFACES

For extreme operating conditions on surfaces such as working with chemicals, we recommend working surfaces made from PP-, composite-ceramic or solid-ceramic. These are not presented here and have to be produced according to demand for such elements.

SPACE ADAPTATION

An extension of the table top of up to 400 mm enables the closure of space between compartment end and wall. The front is completed with a panel or door.

END PROFILE

A practical closure to the back wall is provided by an Aluminium profile, whose inner edge is sealed in position with a silicon-plastic strip.

Illustr. mixing faucet



Illustr. arm-operated fittings & eye wash



SINKS

Undermount sink ceramic		
Compartments	1	
Order No.	A5810265	
Ceramic drop-in sink with draining board		
Compartments	2	
Sink	left	right
Order No.	A5810054	A5810055
Sink mat	undermount sink	sink
Order No.	Z5810007	Z5810008

FITTING

Mixing faucet	low pressure	high pressure
Order No.	A5800022	A5800023
Arm-operated fittings		
Order No.	A5800475	
Eye wash		
Order No.	A5800045	



SYSTEM WORKING SURFACES

Illustr. position possibilities for undermount sink

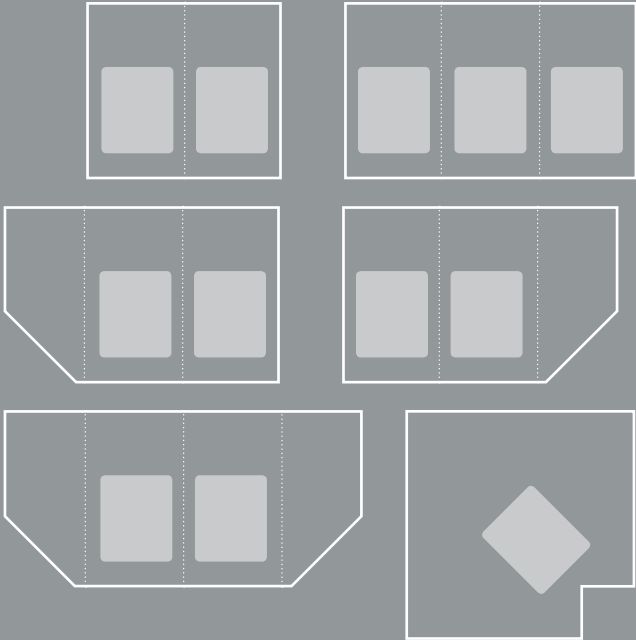
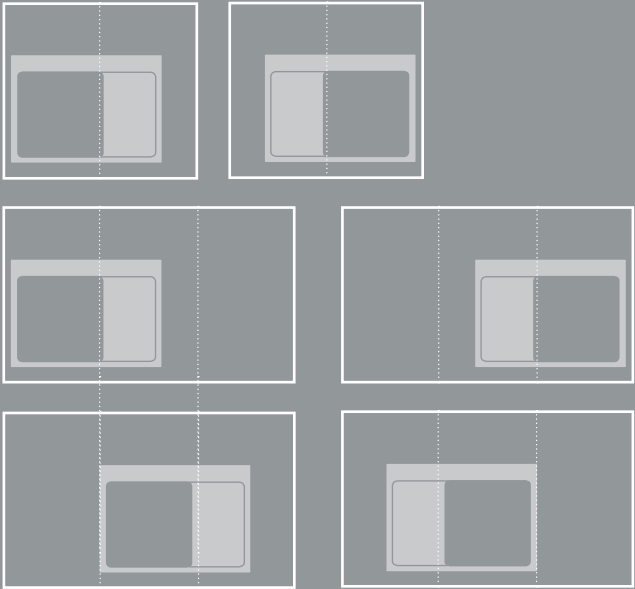


Abb. position possibilities for ceramic sink with draining board





UTILITY PORTS



COVER



2 SMALL BRUSHES



LARGE BRUSH



2 SOCKETS, BRUSH

UTILITY PORTS

Cover

Order No. A5810269

Large brush

cover 2-part

Order No. A5810268

Small brushes

2x utility ports

Order No. A5810372

Sockets, brush

2x 230 V

Order No. A5810373



DROP-IN SINKS

The ceramic under-mount sink fits into one complete compartment.

The ceramic drop-in sink needs 2 compartments. Both sinks need a height difference of 6 HT. It is a good idea to lay a protective mat in the base of the sink in order to protect the ceramic. When installing an under-mount sink into a fully ceramic worktop surface, run-off channels can be integrated into the ceramic.

SPECIAL SOLUTION

If the client so desires, a media interface from one of our office furniture sideboards to the lab furniture can be created, in order to carry the connecting cable invisibly to the ports.



INTERFACE MEDIA

Illustr. basic module 800



2-COMPARTMENT SHELF



3-COMPARTMENT SHELF



CORNER SHELVES

SHELVES

Height	1950 mm	
Basic module height	800 mm	900 mm
2-compartment shelf		
Order No.	A5810015	A5810016
3-compartment shelf		
Order No.	A5810017	A5810018
Corner shelf		
Order No.	A5810032	A5810033

BLANKING PANELS

2-compartment shelf	
Order No.	A5810327
3-compartment shelf	
Order No.	A5810328
Corner shelf	
Order No.	A5810329

Illustr. basic module 800, 2-part



BLANKING PANEL, 2-PART



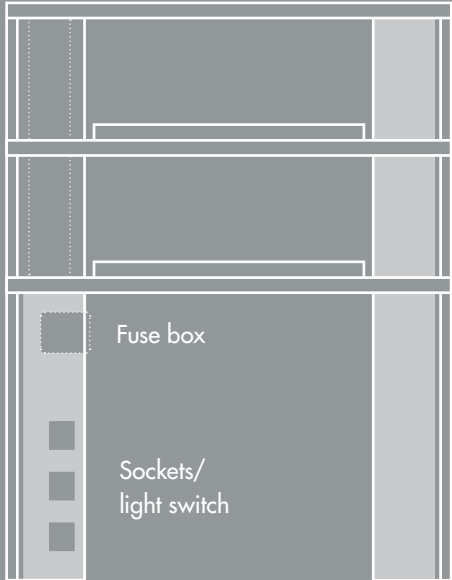
BLANKING PANEL, 3-PART



BLANKING PANEL, CORNER

SYSTEM SHELVES AND WALL UNITS

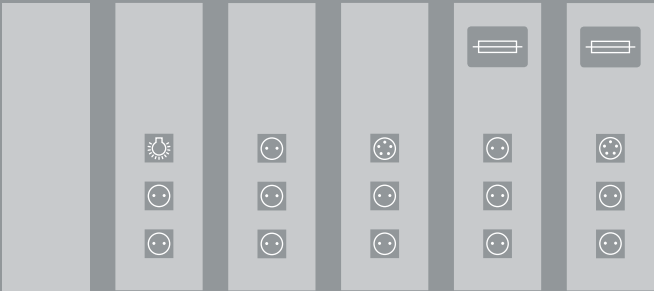
Illustr. for subconstruction 800



Blanking panel

Panel excl. media port
(basic panel)

Illustr. for basic module 800





LED ILLUMINATION

LED ILLUMINATION

Compartments	2	3
Length	713 mm	1113 mm
for shelves		
Order No.	A5810110	A5810109
for wall cabinets with swing doors		
Order No.	A5810251	A5810252
for wall cabinets with swing-up flaps		
Order No.	A5810108	A5810109

Corner	for shelves
Length	2x 513 mm
Order No.	A5810253



MEDIA PANEL

MEDIA PORTS

Basic module height	800 mm	900 mm
Basic panel		
Order No.	A5810093	A5810099
Light switch, 2x 230 V sockets		
Order No.	A5810092	A5810098
3x 230 V sockets		
Order No.	A5810090	A5810096
400 V und 2x 230 V sockets		
Order No.	A5810091	A5810097
3x 230 V sockets fused		
Order No.	A5810094	A5810088
400 V und 2x 230 V sockets fused		
Order No.	A5810089	A5810095

MEDIA PILLARS

Underneath the storage area the fronts of the pillars can be used at both sides and are easily accessible for media ports such as for electricity and switches for illumination. Unused media columns are masked out with HPL as in the shelves level.

ILLUMINATION

Energy efficient LED lights under the upper structure generously illuminate the working area.

The light switch is integrated into the media column.

ADAPTATION

If large pieces of equipment are to be positioned on the working surface, then the lower shelf can be optionally removed.



Light switch



230 V



400 V



Fuse



Illustr. basic module 800 with doors



WALL CABINET, 2-PART



DOORS, 2-PART



WALL CABINET, 3-PART




DOORS, 3-PART

WALL CABINET WITH SWING DOORS

Height	1950 mm	
Basic module height	800 mm	900 mm
2-part wall cabinet for doors		
Order No.	A5810100	A5810101
3-part wall cabinet for doors		
Order No.	A5810102	A5810103
Doors set		
for compartments	2	3
Order No.	A5810249	A5810250

CORNER CABINET WITH SWING DOORS AND CAROUSEL

Height	1950 mm	
Height basic module	800 mm	900 mm
Corner with carousel		
Order No.	A5810381	A5810382
1-part wall cabinet		
Order No.	A8510383	A5810384
Door left		
Order No.	A5810386	
Door right		
Order No.	A5810385	
Swing door corner cabinet		
Order No.	A5810387	



Illustr. basic module 900

Illustr. basic module 900



CORNER WITH CAROUSEL

SYSTEM SHELVES AND WALL UNITS



Illustr. basic module 800 with swing-up flap



WALL CABINET, 2-PART



FLAP, 2-PART



WALL CABINET, 3-PART



FLAP, 3 PART

WALL CABINET WITH SWING-UP FLAP

Height	1950 mm	
Basic module height	800 mm	900 mm
2-part wall cabinet for swing-up flap		
Order No.	A5810104	A5810105
3-part wall cabinet for swing-up flap		
Order No.	A5810106	A5810107
Flaps set		
for compartments	2	3
Order No.	A5810246	A5810247



SWING-UP FLAP

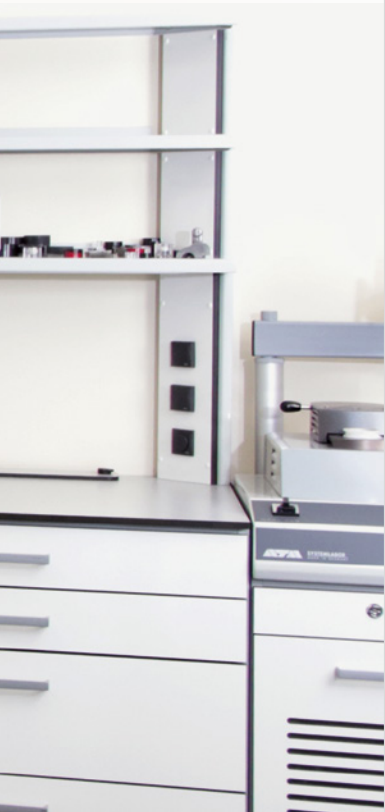


OPEN AND SWING UP

High quality moving components mean that doors and flaps can be closed softly. The easily-moving swing up mechanism stops in every opening position.

HANGING CABINETS AND SHELVES

Suitable hanging cabinets and shelves instead of the System Lab equipment can be found in our office furniture program.



Basic framework for equipment integration



BASIC FRAMEWORK FOR EQUIPMENT INTEGRATION		
» suitable for system mounting press, surface grinders and grinding/polishing units		
Compartments	2	3
Order No.	A5810005	A5810006

Illustr. 2 compartments

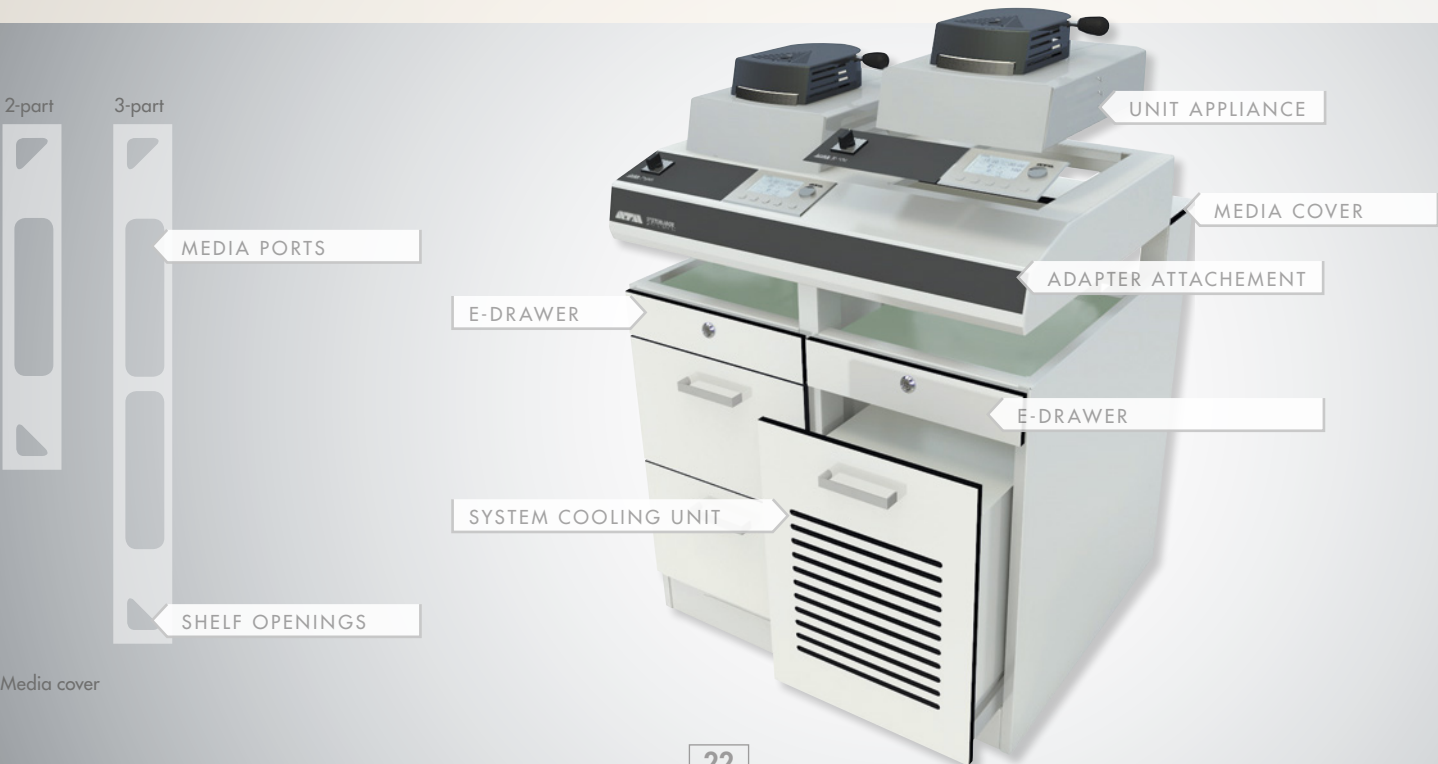


BASIC ADAPTER ATTACHMENT		
Compartments	2	3
Order No.	A5810315	A581010316

INTEGRATION

Functional elements and their connections disappear in the lab furniture. Mounting presses as well as grinding and polishing units can be completely integrated into the lab furniture with the right adapter attachment.

SYSTEM COMBINATIONS





RECIRCULATION COOLING UNIT

RECIRCULATION COOLING SYSTEM

- » with insertion mechanism
- » 2-chamber-PVC-compartment 45 Ltr.
- » inlet sieve with filter bag

Door height	min. 21 HT
Order No.	A5800487
Power supply	400V/50 Hz (3 Ph/PE)*
WxHxD	366x540(640)x610 mm



INSERTION MECHANISM

UNDER-SINK WATER BOILER

Capacity	5 Liter
Power supply	230 V/50 Hz
Order No.	A5800030



FUNCTION ELEMENTS

The insertion mechanism of the wheeled re-circulatory cooling unit i.e. sedimentation container ensures ease of movement, even when the container is full.

MEDIA COVER

The cover behind the adapter attachment can be fitted with openings for the various media conduit systems.

USEFUL ACCESSORY

Vibration-sensitive measurement & testing equipment such as microscopes, hardness testing devices etc. demand special attention from their environment. The elastically cushioned hard stone plate minimises the effects of external vibrations and can be simply laid directly on top of the lab furniture.



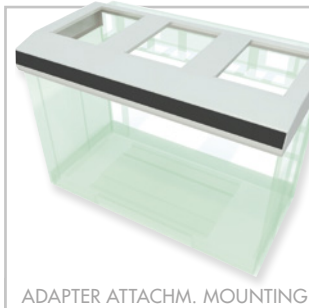
TABLE-TOP PLINTH

Illustr. 2-part



ADAPTER ATTACHM. MOUNTING

Illustr. 3-part



ADAPTER ATTACHM. MOUNTING

ADAPTER ATTACHEMENT FOR SYSTEM-MOUNTING PRESSES

Compartments	2	3
Order No.	A5810320	A5810322

1-PART HPL-COVER

Order No.	A5810342
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BASIC COVER/1-PART



SYSTEM COOLING UNIT

SYSTEM COOLING UNIT

» for table top models and System-application

Drawer height	18 HT
Order No.	A5810171
Power supply	230V/50 Hz (1Ph/N/PE)*
Cooling	0.81 kW
Motor	0.6 kW
Flow pressure	2.8 bar
Tank	6 Ltr.

SYSTEM-INTEGRATION MOUNTING



Illustr. Opal 460



OPAL-EINSATZ



DOSING SYSTEM

INSERT	OPAL 460	OPAL 480
Order No.	A5810294	A5810295
Mould	Ø 25.2 - 50 mm	Ø 50 - 70
Rectangular mould	-	30x60 / 40x60 mm
Connected load	3.1 kVA	3.6 kVA
Power supply	230V/50 Hz (1Ph/N/PE)*	
Heating	4x 500 Watt	4x 630 Watt
Temperature range	0 - 200 °C	0 - 200 °C
Heating time	variable 0 - 30 min	variable 0 - 30 min
Cooling time	variable 0 - 30 min	variable 0 - 30 min
Max. pressure	up to 250 bar depend. on mould	up to 310 bar depending on mould

DOSING SYSTEM

The swing arm dosing system with adapter for 5-liter bucket is to be recommended for mounting large numbers of samples. Mounting material can be filled with a pre-settable amount of 10-30 cm³ and free from dust, in which the dosing head is set directly onto the press filling orifice with the help of a swinging arm.

OPAL 460/OPAL 480

The fully automatic program sequence is performed exactly as with the table-top model. Parameters can be adjusted even during the mounting process at a comfortable working height.

- » easy opening & closing of the sliding closure
- » fully automatic press sequence with automatic water cooling (incl. water-saving function)
- » electronic control with easy-to-read LCD panel and programmable process sequence
- » 4 different pressure modes can be selected
- » powerful heating system and infinitely adjustable heating curve
- » mould assemblies easy to change

* other power supply available

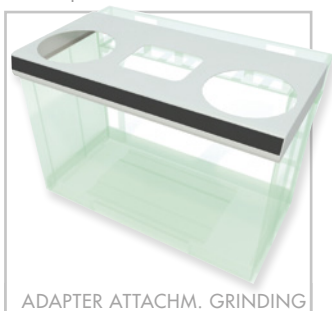


Illustr. 2-part



ADAPTER ATTACHM. GRINDING

Illustr. 3-part



ADAPTER ATTACHM. GRINDING



SAPHIR 350-INSERT



SAPHIR 360-INSERT

Compartments	2	3
Order No.	A5810319	A5810323

INSERT	SAPHIR 350	SAHIR 360
Order No.	A5810309	A5810310
Stations	single wheel	twin wheel
Working wheel	Ø 200 - 300 mm	Ø 200 - 300 mm
Connected load	2.3 kVA	4.6 kVA
Power supply	230V/50 Hz (1Ph/N/PE)*	
Speed	50 – 600 rpm	50 – 600 rpm

SAPHIR 350/SAPHIR 360

The specially strong, rpm-regulated drive allows high-loading applications for grinding & polishing processes coupled with dependable smooth running.

- » impact resistant plastic sink
- » variable speed
- » LC-Display
- » automatic water switch-off
- » sink rinsing for cleaning and working wheel cooling

SYSTEM-INTEGRATION GRINDING & POLISHING



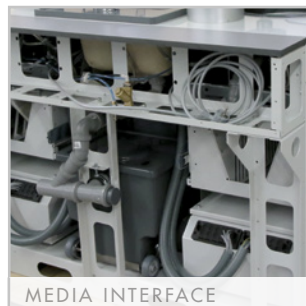
Illustration: basic module 800



SETTLING TANK



WASTE PIPE BRACKET



MEDIA INTERFACE

SETTLING TANK

» with insertion mechanism

» 2-chamber-PVC-compartment 45 Ltr.

Basic module height 800 mm

Order No. A5810261

Waste pipe bracket

Order No. A5810262

Basic module height 900 mm

Order No. A5810237

Waste pipe bracket

Order No. A5810263

VARIATIONS

Grinding & polishing combinations are many as well as varied. Cut-outs for adapter attachments are ascertained using the ATM 3D-Labor-Software.

CLEANING STATION

The cleaning station can be automatically driven by the head from the Rubin 530. This enables light & easy cleaning of samples with air and water as well as ethanol if required.

FUNCTION ELEMENTS

System sedimentation collector and dosing unit can be added.



CLEANING STATION

* other mains supply connections possible

Illustr. sample holder / protective hood



Illustr. covered sample holder



HEAD	RUBIN 520	RUBIN 530
incl. grinding insert Saphir 550		
Connected load	2,6 kVA	
Order No.	A5810311	A5810312
incl. grinding insert Saphir 560		
Connected load	5.2 kVA	
Order No.	A5810313	A5810314
Connected load	0.9 kVA	
Power supply	230V/50 Hz (1Ph/N/PE)*	230V/50 Hz (1Ph/N/PE)*
Single pressure	1 – 6 Proben, Ø 50 mm	–
Central pressure	depends on sample holder	depends on sample holder
Variable speed	30 – 150 rpm	20 –120 rpm
Pressure	variable	variable
Single pressure	5 – 100 N	–
Central pressure	20 – 400 N	50 – 450 N

SYSTEM-INTEGRATION GRINDING & POLISHING



**SAPHIR 375**

Connected load	7 kVA
Power supply	400V/50 Hz (3Ph/N/PE)*

Grinding module

Speed	1390 rpm
Grinding stone	Ø 350 mm
Usable coating	30 mm

Grinding head Rubin 530

Central pressure	sample holder Ø 160 – 204 mm
Variable speed	30 – 150 rpm
Variable pressure	50 – 400 N
Controlled removal	0.1 mm display precision

WxHxD	880x1420x830 mm
Weight	230 kg

SYSTEM SURFACE GRINDING UNIT

The robust free-standing grinder in System adaptation is suitable for effective and planar abrasion with a grinding stone. The grinding head of the Rubin 530 with central pressure is optimally adjustable in clockwise or anticlockwise directions with variable rpm and grinding pressure. Abrasion measurement monitors the height with 0.1 mm display accuracy, thereby controlling the abrasion process. Use the easy-to-read touchscreen surface to set & store all relevant parameters.

- » automatic, interval-controlled abrasion device
- » fully encapsuled grinding wheel during the process
- » integrated recirculatory cooling

**RUBIN 520**

The grinding & polishing head with single and central pressure is controlled via easy-to-read touch display.

- » automatic protective hood
- » electronic control
- » LED illumination
- » clockwise or anticlockwise
- » memory-function for side and height adjustment

RUBIN 530

The grinding & polishing head with central pressure is controlled via easy-to-read touch display.

- » sample cover
- » electronic control
- » clockwise or anticlockwise

* other mains supply connections possible



Illustration: basic module 800



ACID-BASE MODULE

Compartments	2	3
Basic module height	800 mm	
Order No.	A5810060	A5810058
Basic module height	900 mm	
Order No.	A5810061	A5810059

ACID-BASE MODULE

Functional system for storing acids and bases with air flow monitoring

- » outer body made of powder-coated Aluminium
- » inner frame made of melamin-coated HPL composite panel
- » doors and pull-out drawers made from resistant HPL solid material
- » removable collection tray made from PP plastic on each pull-out drawer
- » both swing-doors (ca. 100° opening angle) separately operated and lockable
- » external door hinges for protection against fumes from aggressive chemicals
- » ventilation per connection adapter (DN75) at the rear side of cabinet

SYSTEM-INTEGRATION SAFETY CABINETS



Illustration: basic module 800



SAFETY MODULE, 2-PART



SAFETY MODULE, 3-PART



COMBINATION, 3-PART

SAFETY MODULE

Compartments	2	3
Basic module height	800 mm	
Order No.	A5810240	A5810238
Basic module height	900 mm	
Order No.	A5810241	A5810239

COMBINED INSERT

Combination acid-bases & safety module

Basic module height	800 mm	900 mm
Order No.	A5810273	A5810274

SAFETY MODULE

Functional system for storing flammable liquids with air flow monitoring

- » outer body made of powder-coated Aluminium
- » inner frame corresponds to fire resistance class F90 acc. to DIN 4102
- » safety in case of fire: self-closing of drawers and doors via integrated thermal release
- » doors and drawers separately operable and lockable
- » doors lockable in any position (ca. 135° opening angle)
- » cabinet interior completely visible
- » insert trays PE or PP, increased protection against corrosion; removable for easy cleaning
- » ventilation per connection adapter (DN75) at the rear side of cabinet



STORAGE OF CHEMICALS

System lab cabinets with air flow monitoring for storing acids, bases and dangerous chemicals have been specially designed for use in labs and naturally correspond to guidelines for safe and legally-binding storage regulations.

This type of lab cabinet is especially suitable for the storage of flammable liquids.





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