



The **System Lab fume cupboard** is conceived to meet the requirements of metallographic laboratories. The color scheme perfectly matches our laboratory furniture and all ATM machines. The powder coated solid aluminum cabinet is largely chemical resistant and guarantees a long operating life. The modular designed System Lab fume cupboard corresponds to the DIN EN 14175 safety regulations and is therefore also suitable for other applications.



SASH

The electronic control of the sash shuts down automatically, but it is also possible to operate it via foot pedal (optional). In case of deviation from the stipulated airflow, the digital airflow monitoring system warns with acoustic and optic signals. The fume cupboard comes with a movement sensor for improved safety.

WORKING TOP

The ceramic working top with sink, available in different sizes, will meet highest demands. The also available working top made of HPL with a polypropylene sink fulfills basic needs.

FUNCTIONS

The two integrated sockets in the inside can be switched on and off from the outside. The workspace is equipped with a shock wave safety relief. In addition to the water connection, a gas and compressed air tap can be integrated (option). Access-points are provided for other supply lines.

BASE CUPBOARD

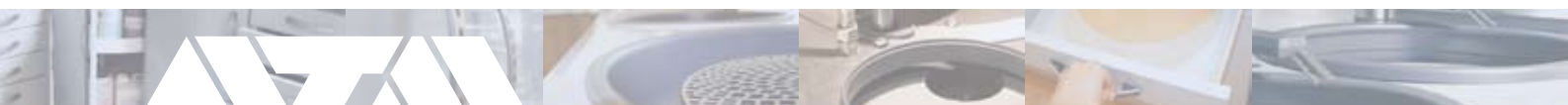
Different accessories as for example a cabinet for acids and bases can be integrated in the base cupboard.

INSTALLATION ADVANTAGE

The fume cupboard is shipped in two parts and can be transported through all common doors. Installing the unit takes only short time.

INDUSTRIAL STANDARD

All components used by us, as well as the constructive design correspond to the normal device requirements for industry in Germany and the EC Safety Regulations. The units are finished in service friendly modular construction.





SYSTEM-LAB FUME CUPBOARD

Order No.: M7510000

- » Tested according to DIN EN 14175
- » Closed system with digital air-flow monitoring
- » Single piece sash made of compound glass with automatic closure
- » Integrated control panel at eye level
- » Two integrated sockets switchable from outside
- » Illumination module with shock wave safety relief
- » Aluminium case, powder coated

POWER SUPPLY (select equipment)

Equipment 1

230 V/50 Hz (1/N/PE)

Order No.: A7510001

Equipment 2

110 V/60 Hz (1/N/PE)

Order No.: A7510002

CONTROL SYSTEMS (select equipment)

Equipment 1

Air flow monitoring

Best.Nr.: A7510010

- » Digital air-flow monitoring with optic and acoustic signal

Equipment 2

Automatic air flow control

Best.Nr.: A7510011

- » Digital air-flow monitoring with optic and acoustic signal and automatic control

SASH TYPE (select equipment)

Equipment 1

Manual sash

Best.Nr.: A7510015

Equipment 2

Electronic controled sash

Best.Nr.: A7510016

WORK SURFACE (select equipment)

Equipment 1

HPL worktop

Order No.: A7510020

Equipment 2

**HPL worktop
with sink**

Order No.: A7510021

Equipment 3

**Ceramic worktop
with sink**

Order No.: A7510022





BASE CUPBOARD (select equipment)

Equipment 2
Cupboard
 Order No.: A7510031
 » 2 storages per chamber



Equipment 2
Acid/base cupboard
 Order No.: A7510032
 » 2 storages per chamber
 » 2 PVC collecting trays
 » with exhaust air piping

OPTIONS

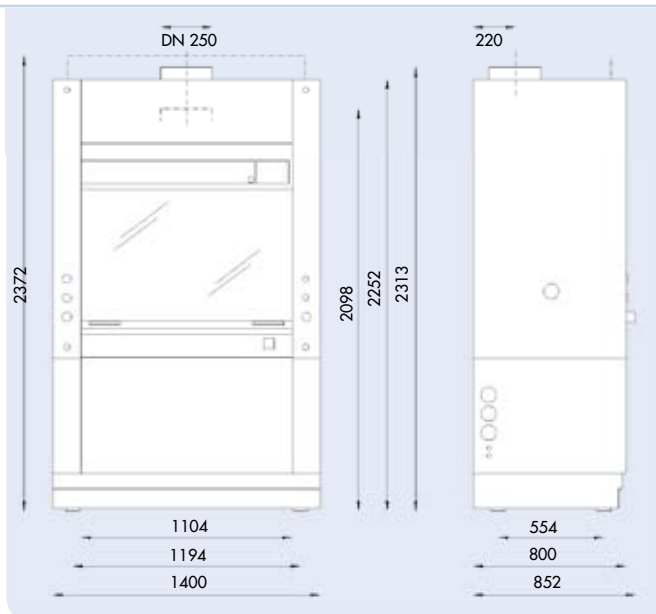
MEDIA RAIL (select equipment)

» Integrated taps
 Equipment 1
Water
 Order No.: A7510040

Equipment 2
Compressed air
 Order No.: A7510041

Equipment 3
Gas
 Order No.: A7510042

SPECIFICATIONS



Sash	
Sash opening	500 mm
Max. sash opening	650 mm
Workspace WxHxD	1300x700x650 mm
Weight	approx. 280 kg

Room height mustn't be below 2500 mm!