

# CLASSIC line pure M

**Type 90**

## for the storage of hazardous substances in clean rooms

**Fire resistance (FR) of 90 minutes.**
**Safety cabinet with wing door for the storage of hazardous substances in clean rooms and working spaces in accordance with TRbF 20 Annex L.**
**Tested safety at a high level including:**

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- Type testing according to DIN EN 14470-1 by recognised test institutes (TÜV Süd, iBMB Braunschweig).
- TÜV-tested to DIN EN 14727 (laboratory furniture standard).
- Classification Type 90 in accordance with DIN EN 14470-1.
- GS/CE mark.
- High-Quality mark of approval for upper level style, user-friendliness and increased lifetime.

**Construction:**

- Insulation and intumescent paints encapsulated and sealed.
- Outer carcass made from powder-coated sheet steel.
- Special GSB quality polyester powder for a top quality, particularly closed surface.
- Door handle and base cladding made from stainless steel.

**Interior fittings:**

- Interior panelling and fittings made from stainless steel.

**Colour:**

- Silver.



► Suitable for installation in clean rooms Class 5 to DIN EN ISO 14644-1 (M 3.5 = 100 to US Fed. Std. 209e).

► TÜV tested clean room suitability based on VDI 2083.

**DIN EN 14470-1**
**DIN EN 14727**  
LABORATORY FURNITURE STANDARD
**DIN EN ISO 14644-1**  
CLEAN ROOM STANDARD


Door with standard integrated arrest system, enabling containers to be placed in and removed from the cabinet with both hands. In case of fire, a thermocouple initiates the closing of the door automatically.



Ergonomic lock positioning at handle (working) height and lock cylinder integrated in the door.



Shelves adjustable in height.



Standard equipotential bonding saddles on the roof of the cabinet for connecting to the earthing in accordance with TRBS 2153, BGR 132 (avoiding ignition hazards). The interior fitting is conductively connected with the equipotential bonding saddles.



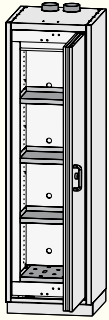
Ventilation at every cabinet level, ability to visually check the venting cut-off flaps.



## 1.13 CLASSIC pure M



DIN EN



### CLASSIC pure M with:

3 shelves, 1 bottom tray,  
1 perforated sheet insert and base

Ref. no.

- Interior fittings, stainless steel

29-200660-006

### Dimensions and weight

	Outer	Inner
Width in mm	595	499
Depth in mm	595	446
Height in mm	2080	1830
Weight in kg	268	

### Max. storage capacity/standing surface

Quantity	Type of container	Size
34	Glass lab. bottle	0.5 litres
20	Glass lab. bottle	1 litre
8	Glass lab. bottle	2.5 litres

Accessories	Material	Width in mm	Depth in mm	Height in mm	Ref. no.
- Shelf	Stainless steel	490	430	35	29-80660-220

## Technical specifications - CLASSIC pure M

### Dimensions - interior fittings:

	Model size		
	M		
	Width	Depth	Height
Shelf in mm	490	430	35
Bottom tray in mm	485	440	105
Perforated sheet insert in mm	432	422	105

### Technical details:

		Model size
		M
Load bearing capacity of the shelf with uniformly distributed load (maximum loadability/shelf)	in kg	75
Maximum volume of the largest individual container, which may be stored on the cabinet's respective standing surface	in l	19
Collection volume of the bottom tray	in l	21
Volumetric flow rate for 10-fold air exchange	in approx. m <sup>3</sup> /h	4.5
Pressure drop in the cabinet	in Pa.	<1

### Front view

### Side view

### Top view

