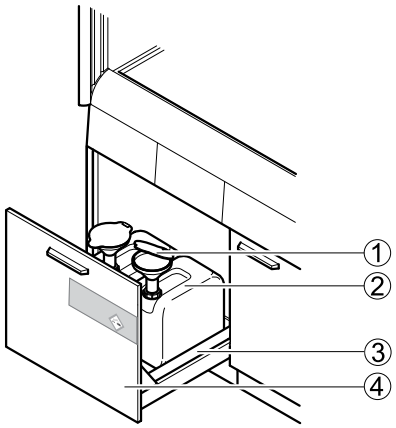
Waste disposal system for acids and alkalis

Intended use

- For safely storing the remnants of acids and alkalis at the laboratory workstation temporarily
- Not permitted for the disposal of the following hazardous substances:
  - Flammable liquids
  - Gas cylinders
  - Radioactive substances
  - Microorganisms

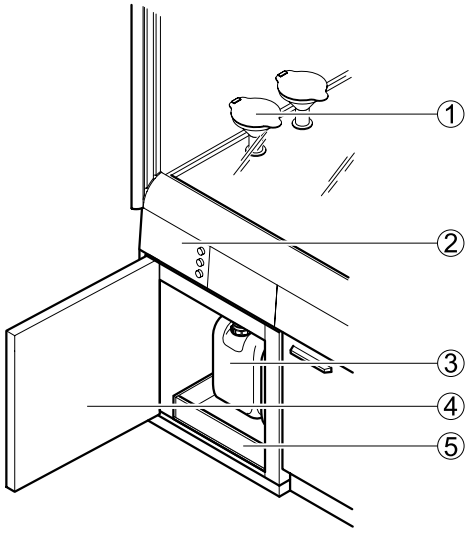
Design

Filling through funnel in the underbench unit



1 Funnel
2 Canisters
3 Tray
4 Underbench unit with full-height drawer

Filling through funnel in the internal workspace



1 Funnel on the worktop
2 Electric module with level indicator and control units
3 Canisters
4 Underbench unit with hinged door (without drawer)
5 Tray

Waste disposal system for acids and alkalis

Technical data

Dimensions for underbench unit on plinth	
Width [mm]	600
Depth [mm]	550
Height [mm] at working height 750 mm	720
Height [mm] at working height 900 mm	870
Max. height [mm]	530
Height, plinth [mm]	110

Dimensions for self-supporting/push-in underbench unit for bench-mounted fume hoods	
Width [mm]	600
Depth [mm]	550
Height [mm] at working height 900 mm	639
Max. height [mm]	425
Height, plinth [mm]	110

Dimensions for self-supporting/push-in underbench unit for bench-mounted fume hoods with side installation	
Width [mm]	600
Depth [mm]	550
Height [mm] at working height 900 mm	716
Max. height [mm]	530
Height, plinth [mm]	110

Dimensions, canister	
5 l width x depth x height [mm]	160 x 185 x 230, connection thread S 55
12 l width x depth x height [mm]	195 x 231 x 350, connection thread S 60
20 l width x depth x height [mm]	260 x 285 x 390, connection thread S 60

Design characteristics	
Construction	Extracted underbench unit with full-height drawer (max. 2 containers) or extracted underbench unit with hinged door and without drawer (max. 2 containers) Coated fittings Tray made of polypropylene
Funnel	Underbench unit with full-height drawer: Funnel, fastened to canister with screws Underbench unit with hinged door: Funnel on worktop with filling pipe between funnel and canister
Filling	Funnel fastened with screws on canister: optical check of the filling level when the canister is transparent Funnel on the worktop: Electronic level indicator, acoustic and visual indication when the maximum level is reached
Approval, canister 5l, 12 l, 20 l	UN 3H1/Y1,9
Resistance	Based on consultation with Waldner

Waste disposal system for acids and alkalis

Funnel in the underbench unit	Canister 5 l	Canister 12 l	Canister 20 l	Canister 12 l and 20 l
Underbench unit on plinth for service spine	–	4	2	2 x 12 l and 1 x 20 l
Push-in underbench unit for service spine	–	4	–	–
Push-in underbench unit for bench-mounted fume hoods	–	4	–	–
Push-in underbench unit for bench-mounted fume hoods with side installation	–	4	2	2 x 12 l and 1 x 20 l

Funnel in the internal workspace	Canister 5 l	Canister 12 l	Canister 20 l	Canister 12 l and 20 l
Underbench unit on plinth for bench-mounted fume hoods	2	2	–	–
Underbench unit on plinth for bench-mounted fume hoods with side installation	2	2	1	1 x 12 l and 1 x 20 l
Push-in underbench unit for bench-mounted fume hoods and fume hoods with side installation	2	2	–	–

Material	
Canisters	PP
Ventilation connection Ø 90 mm	PPS
Tray	PP
Components for installation	Electrically conductive PE-HD

Ventilation data	
Air exchange rate [m³/h]	50
Ventilation connection to the ascending duct Ø [mm]	90