

b.safe



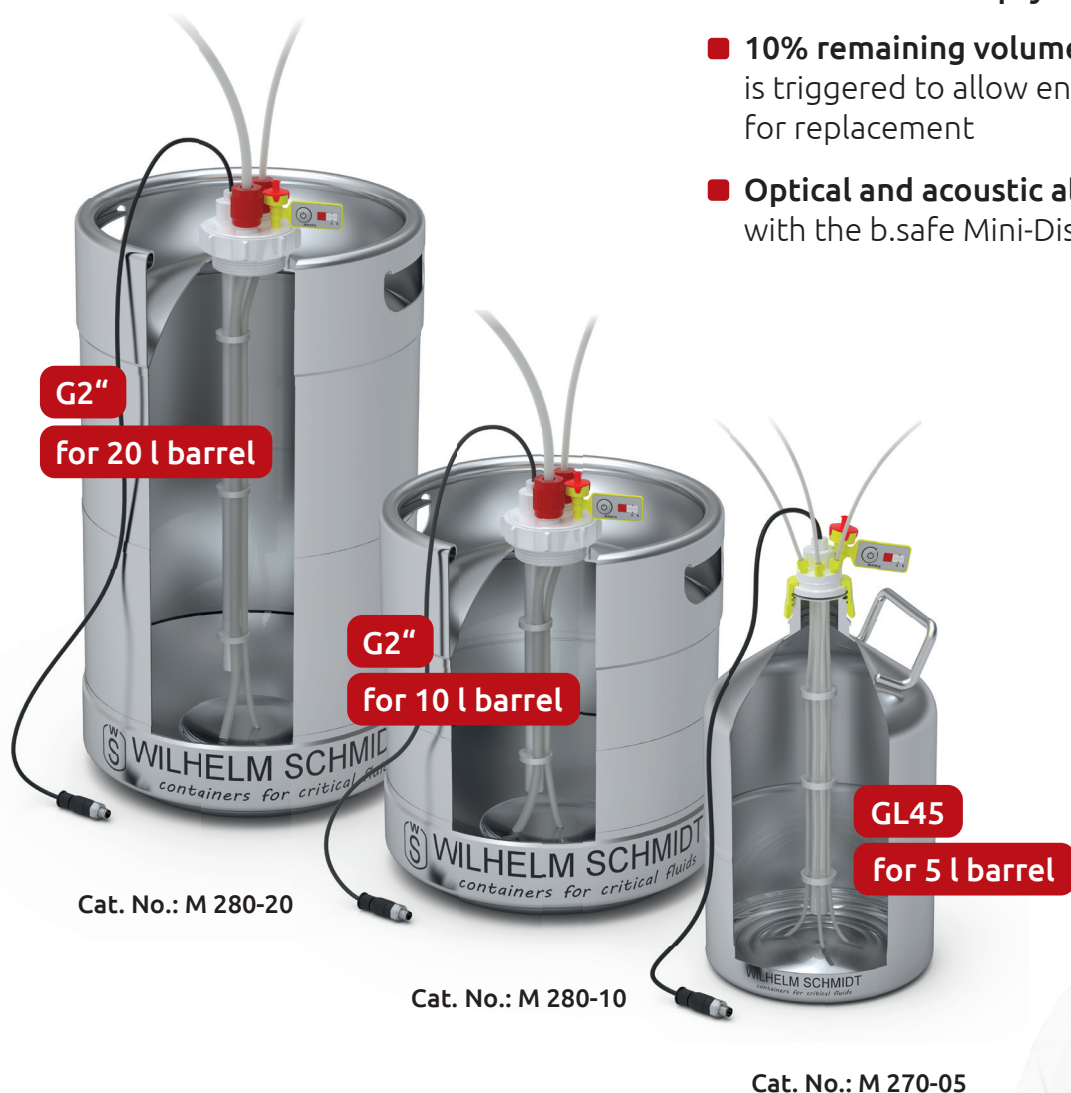
New in our range:
b.safe HPLC Eluent Control Cap
M 270-05, M 280-10, M 280-20

b.safe HPLC Eluent Control Cap

A perfectly coordinated system for the extraction of eluents in HPLC applications. The measuring lance of the HPLC Eluent Control Cap monitors the liquid level in laboratory barrels and prevents it from falling below a remaining volume of approximately 10%. As soon as the liquid level drops below the lance, the capacitive sensor triggers a signal, which is displayed on the connected b.safe Mini-Display R659-01 (not included), enabling timely container replacement. Using b.safe PFA fittings or laboratory screw connections for GL18 and GL14 ports, tubes can be guided down to the bottom of the barrel, securely fixed, and

tightly sealed at the connection point. The b.safe air valve is specially designed for the flow rates typical in HPLC systems. The integrated check valve prevents solvent evaporation and allows ambient air to flow into the barrel in case of underpressure. The upstream porous PTFE membrane effectively blocks dirt particles and other external contaminants. The replacement indicator makes it easy to monitor the 6-month service life: simply activate it at the push of a button and replace the air valve when the indicator turns completely red or document the replacement date manually and clip the indicator onto the air valve.

- **No unnoticed empty-running barrels**
- **10% remaining volume** when alarm is triggered to allow enough time for replacement
- **Optical and acoustic alarm** with the b.safe Mini-Display



bsafe.de

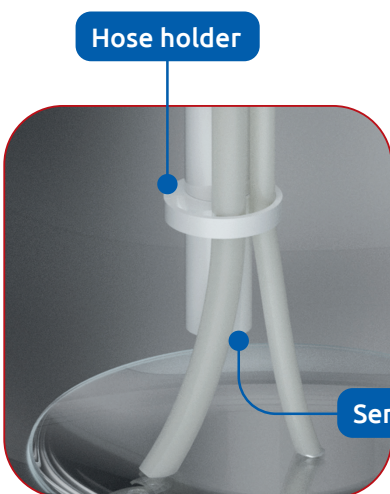
+49 (0) 93 46 92 86-0

Functionality



b.safe Eluent Control Cap

- If the fill level falls below the measuring probe, the capacitive sensor triggers and sends a signal to the b.safe Mini Display.
- Hose holders on the lance ensure that the hose is guided straight to the bottom of the barrel.

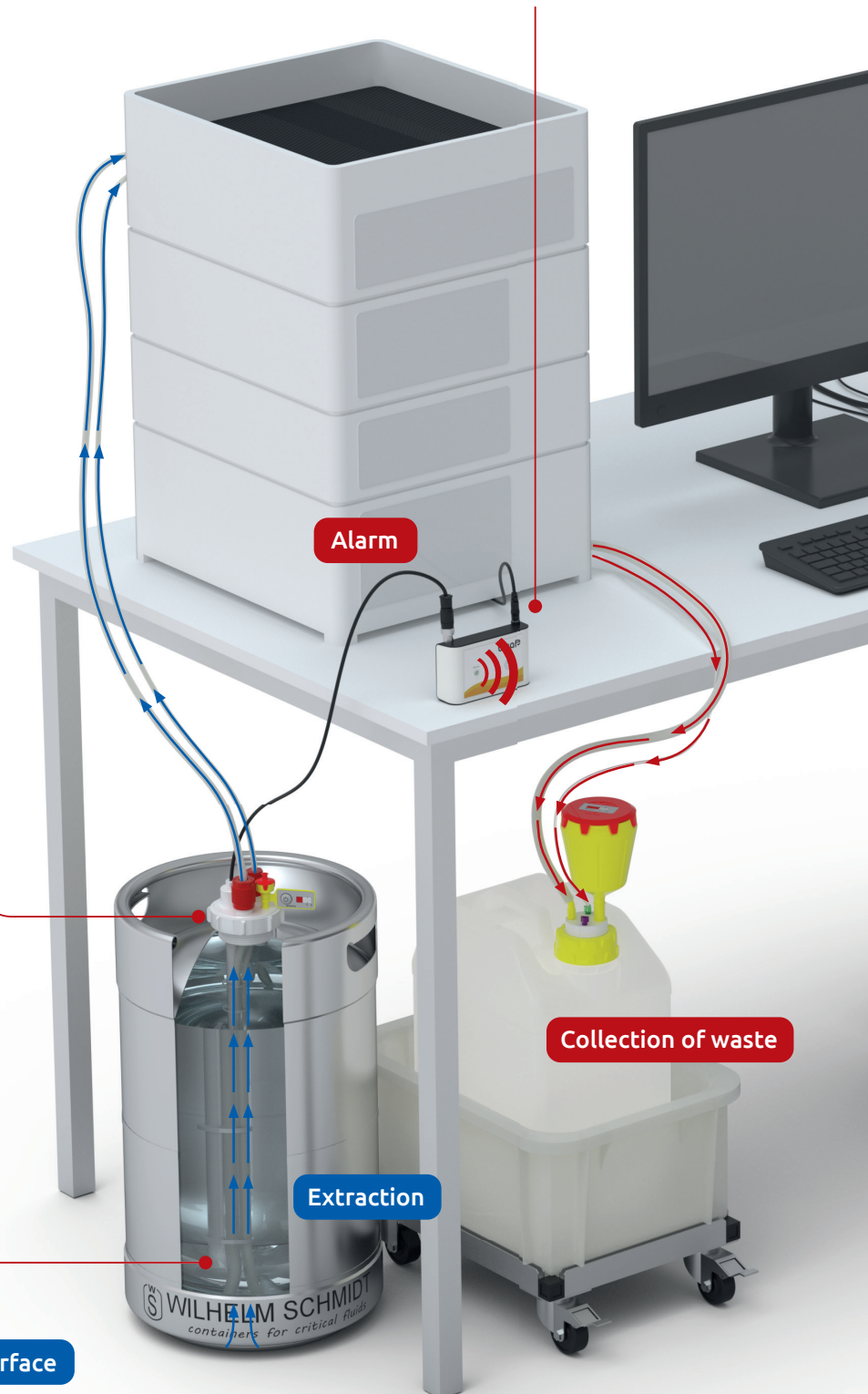


Hose holder

Sensor surface

b.safe Mini-Display Table

- When the barrel is empty, an acoustic signal sounds and the LED flashes red.



Alarm

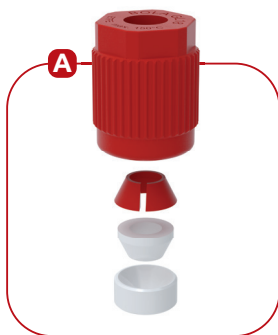
Extraction

Collection of waste

bsafe.de

+49 (0) 93 46 92 86-0

Accessories **b.safe** HPLC Eluent Control Cap



BOLA Laboratory Screw Joints

For thread GL14 and GL18

For tubing O.D. in mm	Cat. No.: Gewinde GL14	Cat. No.: Gewinde GL18	For tubing O.D. in mm	Cat. No.: Gewinde GL14	Cat. No.: Gewinde GL18
0,8	D 593-02		3,2	D 590-08	D 590-20
1,0	D 593-04		4,0	D 590-04	D 590-12
1,6	D 593-06	D 593-26	6,0	D 590-06	D 590-14
2,0	D 593-10	D 593-30	6,35	D 590-62	
2,4	D 593-12		8,0		D 590-16
3,0	D 590-02	D 590-10	10,0		D 590-18



BOLA Screw Caps

For securely closing unused connections.

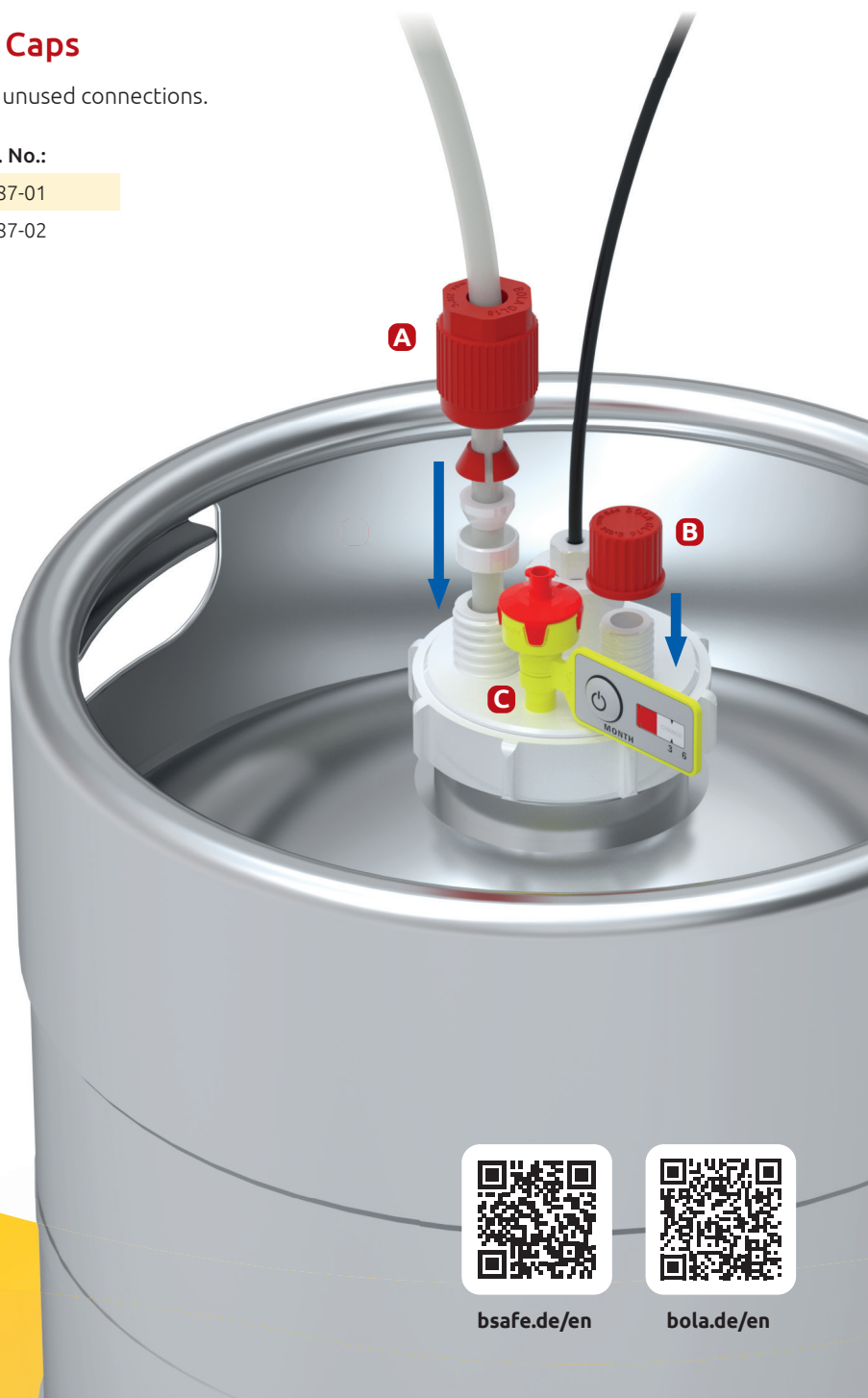
Thread	Cat. No.:
GL14	H 987-01
GL18	H 987-02



b.safe Air Valves

Guarantees pure eluents. In a storage pack for replacement every 6 months.

Packing Unit	Cat. No.:
2 pcs.	M 505-01
10 pcs.	M 505-02
50 pcs.	M 505-03
100 pcs.	M 505-10



bsafe.de

+49 (0) 93 46 92 86-0



bsafe.de/en



bola.de/en