



VakuStop

Product information

Vacuum regulator with electric pressure safety shutoff valve

Secure closing

Total vacuum dosing systems offer the highest safety standards for the use of chlorine gas to treat water in swimming pools, waterworks and a range of industrial applications.

VakuStop performs a vital double function in these systems. After installation on the pressurised chlorine gas tank, it only releases chlorine into the downstream piping system only if there is a sufficient vacuum. It also closes the chlorine gas tank automatically on the pressure side if a chlorine gas release or a contact (e.g. contact pressure gauge, reed contact in the safety blow-off valve PLUS) has been notified to the chlorine gas warning system. This is possible due to the fusion of the closing mechanism of the ChlorStop with the inlet valve of the C 2213/14 vacuum regulator.

VakuStop permits dosing of chlorine gas at up to 10 kg/h and is suitable for operation in a total vacuum battery.

Functions

- Safe operation with vacuum technology
- Dosing capacity up to 10 kg Cl₂/h
- Simultaneous extraction for battery operation
- Residual pressure safety device
- Integrated filter
- Permanent display of the pressure in the chlorine tank
- Optionally available with a contact pressure gauge
- Immediate interruption of the chlorine gas supply in the event of insufficient vacuum, a chlorine gas alarm and/or via other contacts
- Reduces the volume of chlorine gas released when chlorine gas tanks are changed
- The integration of two devices means less maintenance outlay
- Suitable for chlorine gas, carbon dioxide and sulphur dioxide
- Not suitable for liquid chlorine and ammonia

Scope of delivery

- VakuStop with 15 m signal line (2-wire)
- Connection seals

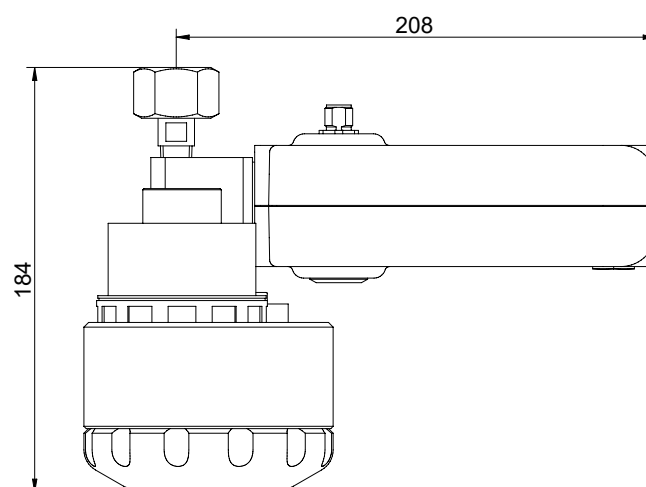
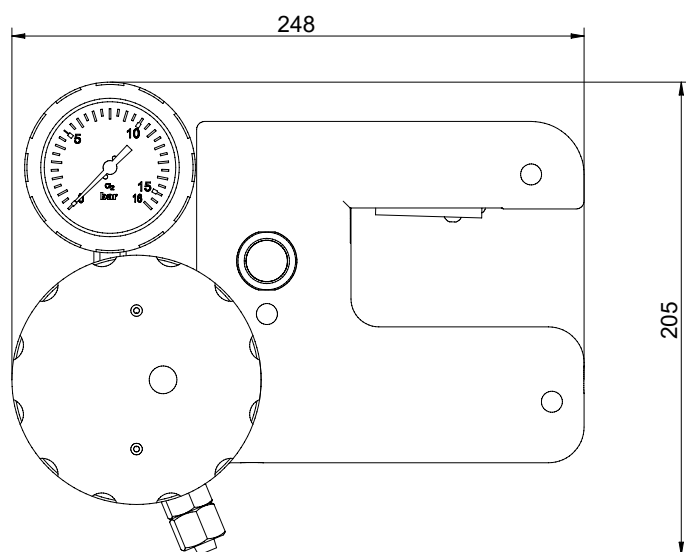
safety is our concern

Technical data

VakuStop		
Max. throughput	with flow limiter	1.3 kg Cl ₂ /h
	without flow limiter	10 kg Cl ₂ /h
Pressure gauge	Accuracy class	Class 2.5
Contact pressure gauge	Switching accuracy	≤ 1.5 x accuracy class
	Contact load rating	50 V / 0.5 A / 10 W
Operating vacuum		110 mbar (at 200 g Cl ₂ /h)
Pressure stage		PN10
Connections	Pressure connection (union nut)	BSW 1", G 5/8, G 3/4, 1.030-14NGO
	Dosing connector	PE hose clamp connection 8/12, 12/16
Materials	Inlet valve	Monel, nickel-plated brass, Hastelloy, ceramic, PVDF and FPM
	Housing	PVC, ABS
	Seals, diaphragms	FPM
Weight		4.3 kg

Dimensions

All dimensions in mm



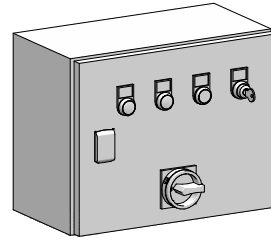
Standard accessories

Control unit for ChlorStop

For the control of up to 12 ChlorStop devices

Voltage supply: 115V-230 VAC; with 1,5 m power cable.

Optionally available with an uninterrupted power supply to take over the power supply to 12 devices for 15 min (without alarm).

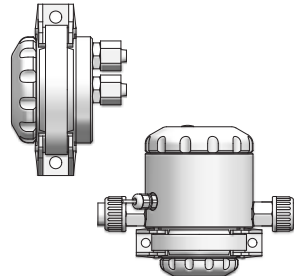


Safety blowoff valve

The safety blow-off valve opens at low overpressure and allows the chlorine gas to escape at a safe location.

Safety blow-off valve PLUS

In addition to the function of the safety blow-off valve, the safety blow-off valve PLUS contains an electrical contact which switches before the blow-off valve opens. It warns against a future alarm.



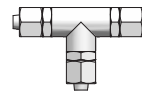
Activated carbon cartridge

Activated-carbon filter for installation in the blow-off line. Retains small amounts of chlorine and prevents a chlorine gas alarm following short-term system-related leakages.



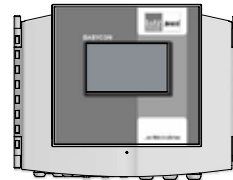
T-piece

For connection of the vacuum line of the VakuStop to the safety blow-off valve



EASYCON GW gas warning device

Chlorine gas measuring range: 0 – 20.00 ppm



Wall holder

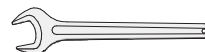
PVC, available connections BSW 1", G5/8, G3/4 or 1,030"-14 NGO



Spanner set

consisting of:

- Open-end spanner AF 32
- Ring open-end spanner AF 13



Bottle with ammonia solution

For leak test of the cylinder connection





Order no. PI-22108DE | State of the art 01.2025 | Subject to technical changes

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