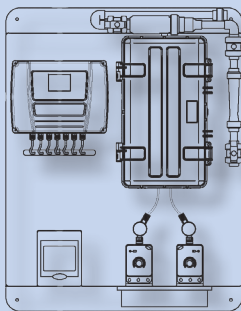


1.1.1.

DOSADes Chlorine dioxide unit DOSA*iXD* DXT DP

Compact, wall-mounted Chlorine Dioxide Unit with flow meter in the bypass line for safe dosing. ClO₂ capacity: 35 – 1,500 g/h (depending on design).



Product description:

- Unit for the production of medium amounts of ClO₂
- Menu-guided operation and service functions
- Unambiguous warnings through additional LEDs
- Direct control by contact water meter, inductive flow meter or online chlorine dioxide measurement
- Unit is ready for installation and tested in accordance with 2006/42/EC, EN 12100, EN 60204-1, 2006/95/EC, 2004/108/EC, DVS 2212
- Acid/chlorite method with diluted chemicals (hydrochloric acid (HCl 9%) and sodium chlorite (NaClO₂ 7.5%))
- The chlorine dioxide that has been produced is either dosed – controlled by volume or by measured value – directly to the water system, or conveyed to a buffer tank
- Capacity: 5 – 1,500 g/h ClO₂
- Temperature range: +5 °C to +40 °C
- Injection valve made of PVDF
- Injection valve connection: ½"
- Hose made of PVDF
- Hose connection: 6 x 8 mm
- Hose length: 5 m
- Power supply: 230 VAC/50 Hz, (optional 110 VAC or 12 VDC)
- Reliable restart upon power failure
- Protection category: IP 54

Areas of application:

- Especially suitable for public drinking water applications, e. g. in hospitals, retirement homes, hotels or sports facilities.
- As a CIP unit for legionella prophylaxis.
- For disinfection of cooling systems, ventilation and air conditioning systems, as well as for product water disinfection, or beverage and food industry applications such as bottle washers.

Scope of supply:

- **DOSA*iXD* DXT DP** Chlorine dioxide unit (Preassembled)
- Mention of important parts
 - Mixing and reaction tank
 - Reactor with inspection window and gas evacuation via an active carbon filter
 - Solenoid-driven diaphragm metering pump
 - Pressure sustaining valve
 - Injection valve ½", PVDF
 - Hose 5 m, PVDF (connection 6 x 8 mm)
 - Monitoring device for the dosing pumps
 - Wall bracket, PP

Ordering data:

Type:	Capacity: g/h (ClO ₂)	Max. pressure: bar	Chem. consumption: l/h	Power consumption: W/h	Item number:
DXT DP 30	5–35	10	0.9	70	5237400
DXT DP 60	7–60	10	1.5	70	5237401
DXT DP 120	15–120	8	3.6	90	5237402
DXT DP 350	20–350	8	8.8	110	5237403
DXT DP 600	36–640	7	16.0	130	5237404
DXT DP 1000	72–1014	4	25.2	150	5237405
DXT DP 1500	110–1500	4	39.0	180	5237406

Options:

Type:	Item number:
Calibration cylinder CA 1 for DXT DP 30, 60, 120	8937000
Calibration cylinder CA 2 for DXT DP 350, 600, 1000, 1500	8937010
Remote monitoring and control via GSM	on request
Semi-automatic calibration with graduated cylinder	
Alarm output and remote control via GSM	
Power supply 110 VAC, 50/60 Hz	
Power supply 12 VDC, 50 Hz (safety extra-low voltage, enclosure class III)	

Additional technical data:

Type:	Dimension/water connection:	Controller modes:	Dimensions: w x h x d (mm)	Installation site:	Weight: kg
DXT DP 30	PVC DN20 / DA25	- manual - volume controlled - controlled by measured value	750 x 1000 x 300	ventilated room	54
DXT DP 60					
DXT DP 120					
DXT DP 350	PVC DN25 / DA32	- controlled by volume and by measured ClO ₂ value	900 x 1350 x 300		56
DXT DP 600					
DXT DP 1000			1000 x 1700 x 450		64
DXT DP 1500					