

Chlorine Dioxide System Bello Zon® CDEb

Bello Zon® CDEb is winning over customers, thanks to its ultra-simple operation and clearly laid out construction.



5-200 g/h chlorine dioxide. Max. flow at 0.2 ppm ClO₂ metering is 1,000 m³/h

A ready-to-use chlorine dioxide system for the continuous production and metering of chlorine dioxide with diluted chemicals. The emphasis is on ultra-simple operation and clearly laid out system design with standard components.

The stroke lengths of the metering pumps are continuously monitored. This rules out inadmissible operating statuses arising from incorrect pump stroke length adjustments.

The system is extremely easy to operate and, alongside a central Start-Stop key, also has colour-differentiated LEDs to display all the operating statuses.

The system can be controlled in an analogue or manual manner or via contacts

Your benefits

- Minimal training required thanks to extremely simple operation
- Minimal investment costs
- Short lead times
- Excellent operating safety
- Simple process integration

Field of application

- Municipal potable water and waste water treatment
- Industrial process and cooling water
- Disinfection in the food and beverage industry

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Technical Data

Type	Chlorine dioxide capacity*		Max. operating pressure **	Operating temp.	Connector size, chlorite and acid metering pumps	Dimensions H x W x D	Dimensions of the bypass connector	Weight
	min.-max./hour	min./day						
	g/h	g/d		°C		mm	DN	kg
CDEb 30	5–30	10	7 / 8 **	15–40	6x4	958 x 700 x 250	20	23
CDEb 75	10–75	20	7 / 8 **	15–40	6x4	958 x 700 x 250	20	24
CDEb 200	20–200	40	7 / 8 **	15–40	8x5	958 x 700 x 250	20	27

* The metering figures relate to 5 bar back pressure and an ambient temperature of 20 °C. The minimum capacity/per hour is based on the fact that when the system is operating at below 10 % of the nominal capacity, continuous metering is no longer possible, due to the then low pumping frequency of the metering pumps. Where systems are operating continuously, change the reactor content at least 2 x daily. Do not operate at below the specific minimal output/day.

** 8 bar at maximum 35 °C ambient temperature

Subject to technical and design changes

Type	Order no.
CDEb 30	1079438
CDEb 75	1079439
CDEb 200	1079440

Scope of supply:

Bello Zon® CDEb systems are supplied connection-ready on a wall panel. Connection to the site bypass line is via DN 20 PVC threaded connectors with straight solvent unions. Order suction lances for the chemical pumps, safety collecting pans for the chemical drums and other accessories, like flushing equipment with a vacuum relief valve separately.

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