

Bello Zon[®] CDVc

Chlorine dioxide system

Safe and easy continuous treatment.

Wired ready for connection, complete chlorine dioxide systems Bello Zon[®] CDVc for the production, metering and monitoring of up to 2,000 g/h of chlorine dioxide from diluted source chemicals. A completely newly developed reactor concept ensures the innovative production and metering of chlorine dioxide. This results in higher operating safety and improved purity of the generated chlorine dioxide.

- Efficient operation thanks to production, metering and monitoring of ClO₂ with just one system
- Maximum ClO₂ purity achieved through use of PVDF reactors
- Increased operating safety thanks to stroke length-monitored metering pumps
- Perfect quality management thanks to integrated storage of all operating parameters and measured values (measurement, documentation and representation of ClO₂, chlorite, pH and ORP)
- Automatic monitoring of operating parameters and maintenance intervals
- Simple and safe operation, thanks to clear navigation in plain text
- Control with large colour display, integrated data logger and screen plotter



Operating pressure max. bar

Type				°C	HxWxD,	
CDVc 20	1-20	6.4	8	10-40	1,344 x 1,002 x 200	26
CDVc 45	2-45	16.0	8	10-40	1,344 x 1,002 x 200	27
CDVc 120	6-120	40.0	8	10-40	1,344 x 1,002 x 200	28
CDVc 240	12-240	80.0	8	10-40	1,342 x 1,000 x 248	45
CDVc 600	30-600	140.0	8	15-40	1,711 x 1,200 x 273	75
CDVc 2000	100-2,000	468.0	5	15-40	1,900 x 1,400 x 370	120

Inputs

- 1 water meter (contact 0.25-20 Hz or frequency 10-50,000 Hz)
- 1 external digital input - pause
- 1 external digital input - high metering
- 1 external digital input - measured water monitoring
- 1 external digital input - malfunction (e.g. for gas detector)
- 1 external digital input - leak monitoring (e.g. chemical storage tank)
- 2 standard signal inputs 0/4-20 mA, configurable for water meter, interference variable, control variable or measured value (ClO₂, chlorite, pH or ORP)

Outputs

- 1 switched network output for bypass pump
- 1 operating signal relay
- 1 warning signal relay
- 1 fault indicating relay
- 1 standard signal output (freely configurable)