

Easy disinfection

Swimming pool metering system DULCODOS[®] Pool PRC



Metering systems DULCODOS[®] Pool PRC are specifically designed for the treatment of swimming pool water. Pre-assembled and wired ready for connection, these metering, measuring and control systems manage pH value balancing as well as disinfection – be it with chlorine or active oxygen. Different versions and a comprehensive extension program provide the appropriate solution for every application.

All of the required, optimally matched components, such as sensors, controllers and metering pumps are mounted on a single panel with metering systems DULCODOS[®] Pool PRC.

Hose pumps or solenoid metering pumps are utilised depending on the swimming pool (indoor or outdoor) as well as the circulating volume.

Advantages

- Ready for connection, complete metering system
- Simple, quick assembly
- Precise metering
- Low space requirements due to compact design
- Excellent safety

Features

- pH value, redox potential and (free) chlorine sensors
- 2 x 1-channel swimming pool controller DULCOMETER[®] Compact with control functions for pH value, redox potential and chlorine as well as integrated priming function
- In-line probe housing with measured water filter and flow monitoring.

Swimming pool metering system for precise pH value balancing and disinfection

Applications / uses

- Automatic disinfection and pH value balancing for private swimming pools

Technical data	
Measurement parameters:	pH, redox and free chlorine
Connector point of injection:	Injection valve with 1/2" screw thread
Connector sample water:	8x5 mm PE hose
Electrical connection:	230 VAC, 50 Hz, either with standard European or Swiss plug
Weight:	Approx. 10 kg or 6 kg (without pumps)
Dimensions:	595 x 745 x 150 mm (W x H x D)
Pumps:	Depending on application in indoor or outdoor pools as well as in relation to the circulating volume, hose pumps of series DULCO®flex DF2a or diaphragm metering pumps

The system comprises:

- 2 hose pumps D4a (optionally diaphragm metering pumps) for pH, redox potential and chlorine
- 2 DULCOMETER® Compact for pH, redox and chlorine
- 1 DGMa in-line sensor module for housing the pH, redox, and chlorine sensors and a module for providing visual display of the sample water flow
- 1 water sample tap integrated into the DGMa
- 1 mounting plate manufactured from white PP
- 1 pH-sensor, type: PHEP 112 SE
- 1 redox sensor, type: RHEP-Pt-SE
- 1 chlorine sensor
- 2 foot valves manufactured from PVC/Viton, 6 x 4 mm
- 2 injection valves manufactured from PVC/Viton, 10 x 4 mm
- 1 sample water line manufactured from PE, 8 x 5 mm, 10 m length
- 1 metering line manufactured from PVC / fabric-reinforced, 10 x 4 mm, 10 m length
- 2 suction lines manufactured from PVC, 8 x 5 mm, 2 m length
- 2 water sample taps manufactured from PVC, 1/2" – 8 x 5 mm
- Optional: 2 variable suction lances manufactured from PVC, 6 x 4 mm with 1-stage level switch