



COMPACT DISPENSER

Universal dosing unit for liquids

In many water based processes small amounts of additives need to be dosed at regular intervals to support system performance and manage biological growth. Manual dosing can lead to inconsistent application or missed dosing moments.

To provide a controlled solution, SAMA Water Products developed the Compact Dispenser. This universal dosing enables accurate and time-controlled delivery of small liquid volumes.

The Compact Dispenser is a stand-alone dosing unit designed for wall-mounted installation. The unit includes a holder for a 5-liter container and is supplied with mounting hardware, tubing, fittings and an installation manual to support proper installation.

Dosing interval, dosing volume and other parameters can be configured via the control panel. The LCD-screen shows the selected settings and operational information.

The container volume can be set through the display. Product consumption can be checked at any time via the control interface, allowing convenient monitoring.

Technical specifications

The Compact Dispenser is supplied with a can holder and the necessary components for installation.

Controller

Programmable Logic Controller (Mitsubishi) with:

- Adjustable dosing interval (minute-based configuration)
- Adjustable dosing volume (minimum 2 ml)
- LCD display showing dosing settings
- English-language interface
- Software-based product consumption calculation
- Real-time consumption display on LCD
- Configurable container volume setting
- Acoustic (buzzer) and visual (LCD) low-level warning
- Resettable acoustic alarm (temporary 30-minute mute function)
- Manual test dosing function

Material and Dimensions

Material : Synthetic materials
Dimensions : 27,5 x 26 x 60 cm
(W x D x H, incl. connections)

Pump

Type : peristaltic dosing pump, self-priming
Capacity : 60 ml/min @ 1 bar (tolerance $\pm 5\%$)

Electrical

Connection : 230V
Power consumption : 13W
Controller/Pump voltage : 24V

Service and maintenance

The Compact Dispenser is designed for reliable operation. Periodic service may be required depending on operating conditions. The complete unit can be exchanged to support efficient maintenance.

Technical specifications are subject to modification.

