



COMPACT DISPENSER

Universal dosing unit for liquids

In many water based processes small amounts of biocides or other additives have to be added regularly. For instance to prevent the building of biological growth. In many cases this is done by hand. As a result one adds too much or too little or, even worse, the adding is forgotten completely. Also it is not always very easy to add products by hand and in some cases irresponsible risks have to be taken. To solve these problems SAMA Water Products has developed the Compact Dispenser. With this universal dosing unit small amounts per unit of time can be dosed.

The Compact Dispenser is available as a stand-alone-unit which is, with the braces included, mounted to the wall. In this case a container, placed on the floor, can be used. The Compact Dispenser is also available mounted in a can holder for a 5-liter-container. With the tubes, fittings and installation manual both types can be installed simply.

Adjusting the dosing volume, interval and other parameters happen with the buttons on the control panel. The LCD-sceen shows the values adjusted.

The volume of the container, which contains the liquid to be dosed, can be adjusted on the display. For your convenience you can, in between, check how many product is already used by pressing one button.

Technical specifications

The Compact Dispenser is provided with a can holder or external braces and all other parts necessary for installation..

Controller

Programmable Logic Controller (Mitsubishi) with the following functions:

- Dosing interval adjustable in minutes without limits
- Dosing volume adjustable in ml without limits (smallest amount 2 ml)
- Dosing interval and dosing volume are shown on LCD
- Other functions are shown when they are chosen. All text in English.
- Product consumption is calculated by software. Amount can be showed on LCD
- Volume container, which contains liquid to be dosed, adjustable
- Acoustic (buzzer) and optical (LCD) signal when container is almost empty
- Acoustic signal resetable (temporarily for 30 minutes) with reset button.
- Test function for extra dosing by hand

Material and sizes

Material	: synthetic materials
Stand alone Compact-Dispenser (sizes without braces)	: w x d x h = 25 x 11 x 19,5 cm
Compact-Dispenser with can holder (incl. connections)	: w x d x h = 27,5 x 26 x 60 cm

Pump

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

Electrical

Connection	: 230V
Power	: 13W
Controller	: 24V
Pump	: 230V

Service and maintenance

The Compact Dispenser is build with maximum care. Nevertheless service and maintenance is necessary after a period of time. It is very simple for the user to exchange the complete unit. This unit can be exchanged (by mail) so maintenance costs can be kept low.

Technical specifications are subject to modification.

