

UNODOS+

FUNCTION DESCRIPTION

Speed controlled peristaltic pump for the continuous and reliable dosing of liquid chemicals. This type of pump will reliably meter a chemical solution to the injection point, particularly when low dosing rates are required. The advancing roller occludes the tube which, as it recovers, draws in fluid that then becomes trapped by the next roller and later expelled from the pump. The technique offers the following advantages: no contamination of the fluid or the pump as the fluid is contained in the tube, gentle pumping action with accurate flow rates, the pump is self-priming and can run dry, the pump is quiet running and very simple to handle. Adjustment of the dosing performance by a rotary knob with direct indication of the dosing performance in l/h.

SCOPE OF DELIVERY

- Peristaltic pump SA
- Dosing hose 1,6 x 1,6 or 3,2 x 1,6 with hose holder
- Roller SA
- Power supply cable with Euro plug
- Controller DS-2 with rotary knob, installed in housing
- Leakage monitoring: if the hose gets leaky, the dosing switches-off and a fault is indicated
- Canister empty indication
- Fault remote indication by a non-volt contact
- External control by non-volt contact (on/off)

TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	6 W
Back pressure max.	max. 2 bar
Measures (W/H/D)	80 x 200 x 140 mm
Weight	app. 0,8 kg
Dosing performance with hose 1,6 x 1,6	app. 0,2 - 0,9 l/h
Dosing performance with hose 3,2 x 1,6	app. 0,7 - 3,4 l/h



ACCESSORIES / OPTIONS

- Suction lance NF 500 with empty switch and non return foot valve for 30 kg canister
- Dosing tube PE 4 x 1
- Injection valve 1SK-4x1-S with removable injection tube and ball valve for ease cleaning of the valve nozzle
- Switch-over automatic for 2 canisters
- Retention tubs for 2 canisters

