

DSP - 01

UNIVERSAL DISPENSER



APPLICATION

The DSP-01 dispenser is designed for fast, easy and exact dosing of liquids and pastes. The amount of the given material issued is determined by a combination of air pressure, dosing point size, and pulse length. The DSP-01 dispenser can operate either in free mode when the pulse length is given by the foot pedal pressing time, or in controlled mode when the pulse time is given by the value set on the timer. For dispensing liquids and pastes of low viscosity, the dispenser is equipped with a controlled underpressure function. Consequently, when output pressure for dispensing is not enabled, reverse suction on the output can be controlled so that the dispensed liquid or paste does not drip.

ADVANTAGES

1. Simple control.
2. Mechanically resistant design.
3. Favourable price.
4. High operational reliability.
5. Control of pressure, reverse underpressure and pulse length over a wide range.

PARAMETERS

Power supply	230 VAC \pm 10 %, 50 Hz
Voltage on pedal	24 VDC
Air input pressure	5 – 7 bar
Consumption	8 W max.
Output pressure	0,1 – 7 bar
Timer range	0,01 – 31 sec
Operating temperature	10 – 35 °C
Operating air humidity	< 85 % RH, w/o condensing
Dimensions	210 x 130 x 145 mm
Weight	2,5 kg

DESCRIPTION

The dispenser is housed in a metal casing. The supply intake with main switch and protective element, pressure air input and output for the pedal are located on the rear panel. The output air connector, control elements – output pressure and underpressure controller, mode switch and pulse length controller – are situated on the front panel. The time range switch is located on the bottom of the instrument to prevent it from being inadvertently operated.

LABELLING

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