

Hei-FLOW Precision 01

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Accurate dosing is particularly important in the pharmaceutical, cosmetic or food sector. Comprehensible process conditions are a prerequisite for the safe conveyance of sensitive media. This is ensured by a control accuracy of $\pm 1\%$ and precise speed adjustment (5 – 120 rpm).

In addition, an optional [foot switch](#) allows the pump to be operated in closed exhaust hoods. The parameters - speed, direction of rotation and on/off function - can be controlled externally either through the analog or digital interface.

In this model, you can choose between a single-channel or multichannel pump head. Flow rates vary depending on the pump head: the single-channel head has a flow rate of 0.38 – 813 ml/min; for the multi-channel head 0.005 – 364 ml/min. Depending on the focus of the process, the following parameters can be set on the device: Speed, tubing diameter, flow rate display, metering volume, interval dosing and break times. The pump can be calibrated for optimum dosing results.

Hei-FLOW Precision 01 - Technical Data

Permissible ambient conditions	5 - 31 °C at 80% rel. humidity 32 - 40 °C decreasing linearly up to max. 50% rel. humidity
Weight	7.7 kg
Protection class DIN EN 60529	IP 55
Supply Power	100 W
Dimensions (w/h/d)	166 x 256 x 225 mm
Flow rates single-channel pumps	0.38 – 813 ml/min
Flow rates multi-channel pumps	0.005 – 364 ml/min
Flow rate accuracy (water without counter pressure)	±1 %
Speed range	5 - 120 rpm
Speed setting	digital
Electronic speed control	digital
Control accuracy motor	±0.5 %
Select direction of rotation	CW / CCW
Motor power	100 W
Analog interface	for speed 0 - 10 V / 4 - 20 mA direction of rotation start/stop
Digital Interface	RS 232
Flow rate indicator	digital
Volume dosing	0.001 – 9,999 ml
Interval dosing	0.001 – 9,999 ml in breaks 0.1 sec -750 h
Smooth start	1
Electronic brake	1
Foot-pedal connection	1
Continuous operation (24/7)	1
Safety feature	electronic current limiter and overheat protection



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

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