Hei-FLOW Ultimate 120 Multi

P/N: 523-52013-00



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 ±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 Ultimate 120 Multi - 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 (EN 60529)	IP 54
Supply Power	100 W
Dimensions (w/d/h)	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	yes
Electronic brake	yes
Foot-pedal connection	yes
Continuous operation (24/7)	yes
Safety feature	electronic current limiter and overheat protection