Hei-FLOW Expert 120 Multi

P/N: 036150150



The pump drive of the model 120 of the Hei-FLOW Expert series can be operated with either single-channel or multi-channel pump heads. The flow rates with single-channel pump heads are in the range of 0.38 — 813 ml/min; with multi-channel pump heads from 0.005 — 329 ml/min.

By integrating an analog interface, it is possible to control all functions externally. In addition, an optional foot switch can be adapted to enable dosing by foot pressure. Hands thus remain free to perform other work, for example, to hold the tubing and the vessel.

A speed of 5 — 120 rpm with a control accuracy of ±3.5% guarantees optimum process results.

Hei-FLOW Expert 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	7.6 kg
Protection class IEC 60529	IP 55
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 – 329 ml/min
Flow rate accuracy (water without counter pressure)	±3.5 %
Speed range	5 - 120 rpm
Speed setting	scale
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	-
Flow rate indicator	-
Volume dosing	-
Interval dosing	-
Smooth start	-
Electronic brake	-
Foot-pedal connection	yes
Continuous operation (24/7)	yes
Safety feature	electronic current limiter and overheat protection