

Hei-FLOW Expert 600

P/N: 523-51060-00



This model has a flow rate of 2.0 – 4,056 ml/min and is designed for operation with single-channel pump heads. The analog interface makes it possible that all functions can be controlled externally. A control accuracy of $\pm 3.5\%$ and a conveyor speed of 24 to 600 rpm provide optimum process conditions. In addition, sensitive media can be protected from influence by using the optional [foot switch](#).

Like all Heidolph peristaltic pumps, the conveying direction of this model can be changed by a simple push of a button. Furthermore, the accelerated filling and emptying of the tubing is simplified, since here only the button for the maximum speed has to be pressed.

Hei-FLOW Expert 600 - Technical Data

Permissible ambient conditions	5 - 31 °C at 80% rel. humidity 32 - 40 °C decreasing linearly up to max. 50% rel. humidity
Weight	7.3 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	2.0 – 4,056 ml/min
Flow rates multi-channel pumps	-
Flow rate accuracy (water without counter pressure)	±3.5 %
Speed range	24 - 600 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

