

## Hei-FLOW Advantage 01

P/N: 036150050



For reproducible results and liquid transfer

- Flow rates of 0.38 - 813 ml/min with single-channel pump heads
- Multi-channel flow rates from 0.005 - 329 ml/min
- This pump drive is suitable for multi-channel operation
  
- Control speed (rpm), direction and On/Off function via analog interface for 0 – 10 V or 4 – 20 mA
- Adjust the variable speed from 5 - 120 rpm on the analog control knob. Your speed is held constant even under changing loads
- These models feature electronic speed control at an accuracy of  $\pm 3.5\%$
- These models connect to an optional foot-pedal remote control via cable to start and stop your pump drive outside a closed fume hood increasing your personal safety and superior ease of use in multiple sample fills
- A press of the max button accelerates the filling and draining of your tube
- At the press of a button the pump operates clockwise or counter-clockwise

## Hei-FLOW Advantage 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	7.6 kg
Protection class DIN EN 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	1
Continuous operation (24/7)	1
Safety feature	electronic current limiter and overheat protection

