

## Hei-FLOW Advantage 01 Multi

P/N: 036150150



The pump drive of the model 01 of the Hei-FLOW Advantage 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  $\pm 3.5\%$  guarantees optimum process results.

## Hei-FLOW Advantage 01 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 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                               | yes  |
| Continuous operation (24/7)                         | yes  |
| Safety feature                                      | electronic current limiter and overheat protection   |

