

# Hei-FLOW Ultimate 120 Multi

## Technical datasheet



|  |   |
|--|---|
| <b>Dimensions (W × H × D)</b>                  | 166 × 225 × 256 mm, w/o pump head   |
| <b>Weight</b>                                  | 7.7 kg (w/o pump head)  |
| <b>Drive</b>                                   | EC motor  |
| <b>Speed range</b>                             | 5-120   |
| <b>Display</b>                                 | digital   |
| <b>Protection class (EN 60529)</b>             | IP 54   |
| <b>Acoustic pressure</b>                       | < 55 (dB(A)) (in accordance with IEC 61010)                                 |
| <b>Rated voltage</b>                           | 110-240 V, 50/60 Hz   |
| <b>Protection class</b>                        | 1 (EN 61140)  |
| <b>Overheat protection</b>                     | yes/current limiter   |
| <b>Control accuracy</b>                        | ± 0,5 %   |
| <b>Speed control</b>                           | digital   |
| <b>Interfaces</b>                              | Digital: RS 232   Analogue: (0-10 V / 4-20 mA) speed, direction, start/stop |
| <b>Power consumption</b>                       | 100 W   |
| <b>Drive power</b>                             | 100 W   |
| <b>Operation mode</b>                          | continuous 24/7   |
| <b>Direction of rotation</b>                   | left / right  |
| <b>Turns indicator</b>                         | digital   |
| <b>Volumetric flow single channel (ml/min)</b> | 0.36-813  |
|  | 0.005-329   |

**Volumetric flow multi channel  
(ml/min)**

|                             |                                      |
|-----------------------------|--------------------------------------|
| <b>Precision</b>            | ±1 %                                 |
| <b>Volume dosing (ml)</b>   | 0.001-9999                           |
| <b>Interval dosing (ml)</b> | 0.001-9999, pause time 0.1 s – 750 h |
| <b>Soft start</b>           | yes                                  |
| <b>Electronic brake</b>     | yes                                  |
| <b>Foot switch port</b>     | yes                                  |