

## Hei-FLOW Ultimate 120

### 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)**

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