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# Hei-FLOW Ultimate 120 Multi
# **Technical datasheet**



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