

# 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>	$\pm 1 \%$
<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