



# Hei-TORQUE Expert 100

## Technical datasheet

<b>Dimensions (W × H × D)</b>	86 × 350 × 247 mm
<b>Weight</b>	4.4 kg
<b>Drive</b>	EC motor
<b>Speed range</b>	10 - 2.000 rpm
<b>Protection class (EN 60529)</b>	IP54
<b>Acoustic pressure</b>	< 50 (based on IEC 61010)
<b>Rated voltage</b>	100 – 240 V AC; 50/60 Hz
<b>Protection class</b>	I (IEC 61140)
<b>Overvoltage category</b>	II
<b>Degree of pollution</b>	2
<b>Power input</b>	90 W
<b>Operating temperature</b>	5 °C – 31 °C at up to 80 % rel. humidity   32 °C – 40 °C at up to 50 % rel. humidity (decreasing linearly)
<b>Installation altitude</b>	up to 2,000 m asl
<b>Motor protection</b>	KTY temperature monitoring
<b>Overload protection</b>	Automatic cut-out with display
<b>Speed accuracy (%)</b>	± 1
<b>Speed control</b>	electronic
<b>Stirrer shaft (Ø in mm)</b>	2.5 – 10.5
<b>Permissible duty cycle</b>	suitable for continuous operation
<b>Volume H2O max. (L)</b>	50

<b>Viscosity up to (mPa s)</b>	60000
<b>Max. torque (Ncm)</b>	100
<b>Number of gear stages</b>	1
<b>Clockwise / counterclockwise rotation</b>	n.a.