

## Hei-TORQUE Expert 100

P/N: 036093030



The Hei-TORQUE Expert 100 is an overhead stirrer with a wide speed range (10 - 2,000 rpm) and a maximum torque of 100 Ncm. With it you can optimally stir viscosities up to 60,000 mPas or volumes up to 50 liters (H<sub>2</sub>O).

The Hei-TORQUE Expert 100 performs every stirring task with minimal noise thanks to the latest engine technology. This overhead stirrer is also very user-friendly in terms of operation and safety. The 2.4 inch display makes it very easy to set the application parameters and control the process (e.g. using the torque trend display). The safety-related start/stop touch-function serves to minimize the risk of unintentional switching on.

Suitable for use in fume hoods or as a drive for reactor superstructures, the Hei-TORQUE Expert 100 has a quick-action chuck (quick chuck with safety ring) with a diameter of 10.5 mm, which can be combined with a large number of stirring tools.

## Hei-TORQUE Expert 100 - Technical Data

Power rating motor input	90 W
Power rating motor output	50 W
Number of speed gears	1
Rotation speed indicator	digital monochrom 2.4"
Speed control	electronic
Max. torque	100 Ncm
Torque indicator	symbol
Overheat protection	automatic cut-out
Motor protection	temperature control software
Viscosity max.	60,000 mPa s
Stirring cap. (H2O), max.	50 l
Analog / digital interface	-
Admissible Session	continuous operation
Counter/ Timer	-
Shaft diameter, max.	10.5 mm
Permissible ambient conditions	5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing linearly up to max. 50 % rel. humidity
Weight	4.4 kg
Protection class (EN 60529)	IP 54
Rotation speed range	10 - 2,000 rpm
Stay bar size (dia. x l)	13 x 160 mm
Dimensions (w/d/h)	86 x 247 x 350 mm
Rotation direction change	-
Through-shaft design	yes