Hei-TORQUE Expert 400

P/N: 501-64010-00



With Hei-TORQUE Expert 400 you can optimally stir viscosities up to 250,000 mPas or volumes up to 100 liters (H_2O). Thanks to its 2-gear stage design, it stirs particularly powerfully in the speed range up to 400 rpm and is therefore particularly suitable for applications with highly viscous media that require mixing in the lower speed range. However, operation at speeds of up to 2,000 rpm is also possible in the second speed.

The overhead stirrer Hei-TORQUE Expert 400 performs every stirring task with minimal noise thanks to the latest engine technology. This easy-to-use overhead stirrer has a display of 2.4 inches, which 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 400 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 for the best stirring results.

Hei-TORQUE Expert 400 - Technical Data

Power rating motor input	150 W
Power rating motor output	90 W
Number of speed gears	2
Rotation speed indicator	digital monochrom 2.4"
Speed control	electronic
Max. torque	400 Ncm
Torque indicator	symbol
Overheat protection	automatic cut-out
Motor protection	temperature control software
Viscosity max.	2,50,000 mPa s
Stirring cap. (H2O), max.	100 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	5.3 kg
Protection class (EN 60529)	IP 54
Rotation speed range	10 - 400 rpm / 20 - 2,000 rpm
Stay bar size (dia. x l)	13 x 160 mm
Dimensions (w/d/h)	93 x 247 x 350 mm
Rotation direction change	-
Throught-shaft design	yes