Hei-TORQUE Expert 100 P/N: 501-61010-00



The Hei-TORQUE Expert 100 is a 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_2O).

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 output50 WNumber of speed gears1Rotation speed indicatordigital monochrom 2.4"Speed controlelectronicMax. torque100 NcmTorque indicatorsymbolOverheat protectionautomatic cut-outMotor protectiontemperature control softwareViscosity max.60.000 mPa sStirring cap. (H2O), max.50 IAnalog / digital interface-Admissible Sessioncontinuous operationCounter/ Timer-Shaft diameter, max.10.5 mmPermissible ambient conditions5 - 31 °C at 80 % rel. humidity 32 - 40 °C decreasing linearly up to max. 50 % rel. humidityWeight4.4 kgProtection class IEC 60529IP 54Rotation speed range10 - 2,000 rpmStay bar size (dia. x I)31 x 160 mmDimensions (w/d/h)86 x 247 x 350 mmRotation direction change-Throught-shaft designyes	Power rating motor input	90 W
Rotation speed indicatordigital monochrom 2.4"Speed controlelectronicMax. torque100 NcmTorque indicatorsymbolOverheat protectionautomatic cut-outMotor protectiontemperature control softwareViscosity max.60,000 mPa sStirring cap. (H2O), max.50 lAnalog / digital interface-Admissible Sessioncontinuous operationCounter/ Timer-Shaft diameter, max.10.5 mmPermissible ambient conditions5 - 31 °C at 80 % rel. humidity 32 - 40 °C decreasing linearly up to max. 50 % rel. humidityWeight4.4 kgProtection class IEC 60529IP 54Rotation speed range10 - 2,000 rpmStay bar size (dia. x l)13 x 160 mmDimensions (w/d/h)86 x 247 x 350 mmRotation direction change-	Power rating motor output	50 W
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Admissible Sessioncontinuous operationCounter/ Timer-Shaft diameter, max.10.5 mmPermissible ambient conditions5 - 31 °C at 80 % rel. humidity 32 - 40 °C decreasing linearly up to max. 50 % rel. humidityWeight4.4 kgProtection class IEC 60529IP 54Rotation speed range10 - 2,000 rpmStay bar size (dia. x l)13 x 160 mmDimensions (w/d/h)86 x 247 x 350 mmRotation direction change-	Stirring cap. (H2O), max.	50 l
Counter/ TimerShaft diameter, max.10.5 mmPermissible ambient conditions5 - 31 °C at 80 % rel. humidity 32 - 40 °C decreasing linearly up to max. 50 % rel. humidityWeight4.4 kgProtection class IEC 60529IP 54Rotation speed range10 - 2,000 rpmStay bar size (dia. x l)13 x 160 mmDimensions (w/d/h)86 x 247 x 350 mmRotation direction change-	Analog / digital interface	-
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Permissible ambient conditions $5 - 31 \degree C$ at 80 % rel. humidity $32 - 40 \degree C$ decreasing linearly up to max. 50 % rel. humidityWeight $4.4 \ kg$ Protection class IEC 60529IP 54Rotation speed range $10 - 2,000 \ rpm$ Stay bar size (dia. x l) $13 \times 160 \ mm$ Dimensions (w/d/h) $86 \times 247 \times 350 \ mm$ Rotation direction change-	Counter/ Timer	-
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Rotation speed range10 - 2,000 rpmStay bar size (dia. x l)13 x 160 mmDimensions (w/d/h)86 x 247 x 350 mmRotation direction change-	Weight	4.4 kg
Stay bar size (dia. x l) 13 x 160 mm Dimensions (w/d/h) 86 x 247 x 350 mm Rotation direction change -	Protection class IEC 60529	IP 54
Dimensions (w/d/h)86 x 247 x 350 mmRotation direction change-	Rotation speed range	10 - 2,000 rpm
Rotation direction change -	Stay bar size (dia. x l)	13 x 160 mm
-	Dimensions (w/d/h)	86 x 247 x 350 mm
Throught-shaft design yes	Rotation direction change	-
	Throught-shaft design	yes