Hei-TORQUE Ultimate 200

P/N: 501-62020-00



The devices of the Hei-TORQUE Ultimate line are Heidolph high performance overhead stirrers.

The Hei-TORQUE Ultimate 200 laboratory stirrer is ideal for the powerful stirring of viscosities up to 100,000 mPas or volumes up to 50 liters (H_2O). It has a wide speed range (10 - 2,000 rpm) and a maximum torque of 200 Ncm.

In addition, the Hei-TORQUE Ultimate 200 offers, above all, the possibility of ramp programming, process monitoring (including timer function, torque trend display as a value), as well as the necessary equipment for documenting your application parameters. For this it is equipped with two interfaces - USB and RS232 - which give you the greatest flexibility to connect the device to a PC, a programmable logic controller (PLC) or an automation system such as e.g. LabManager. The scope of delivery includes the free Hei-Control software for remote control of up to 4 devices via PC.

The laboratory stirrer Hei-TORQUE Ultimate 200 performs every stirring task with minimal noise thanks to the latest engine technology. 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 Ultimate 200 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 Ultimate 200 - Technical Data

Power rating motor input	120 W
Power rating motor output	80 W
Number of speed gears	1
Rotation speed indicator	digital color 3.2"
Speed control	electronic
Max. torque	200 Ncm
Torque indicator	precise value
Overheat protection	automatic cut-out
Motor protection	temperature control software
Viscosity max.	1,00,000 mPa s
Stirring cap. (H2O), max.	50 l
Analog / digital interface	USB and RS 232
Admissible Session	continuous operation
Counter/ Timer	yes
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	5.1 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	yes
Throught-shaft design	yes