

## Hei-TORQUE Precision 100

P/N: 501-61020-00



High-end model

The professional stirrer for demanding tasks: several options for individual settings as ramps and interval operation. USB and RS 232 interfaces allow for documentation and reproducibility, e.g. with the free Hei-Control software (for up to four devices)

These stirrers are ideal for demanding tasks which have to be reproducible and documentable. The huge number of additional features and operation modes allow for perfect adjustment to your individual application

Accurate torque indication shows any viscosity changes  
Constant speed even under changing loads

Digital 3.2" display for ease of operation:

- Allows for preprogrammed profiles
- Saves these profiles in memory
- Interval operation
- Watch rpm and torque graph life

- Timer / Countdown / Real time settings

All performance-related parameters can be set individually:

- Intensity of the start operation - from slow to fast
- The rotational speed can be limited to avoid splashing media
- The torque limit prevents damage to the impeller, e.g. when using fragile impellers in high viscous media

Newest motor generation provides maximum power at minimum noise level

Safe start and stop of operation via slide touch panel to avoid unintended stirring

Including free Hei-Control software for dependable automation of all processes. Control up to four devices simultaneously. Also compatible with magnetic stirrers MR Hei-Connect and MR Hei-End of the Hei-PLATE series

## Hei-TORQUE Precision 100 - Technical Data

Power rating motor input	90 W
Power rating motor output	50 W
Number of speed gears	1
Rotation speed indicator	digital color 3.2"
Speed control	electronic
Max. torque	100 Ncm
Torque indicator	precise value
Overheat protection	automatic cut-out
Motor protection	temperature control software
Viscosity max.	60,000 mPa s
Stirring cap. (H <sub>2</sub> O), max.	50 l
Analog / digital interface	USB and RS 232
Admissible Session	continuous operation
Counter/ Timer	1
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 DIN 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
Through-shaft design	1