



# Hei-TORQUE series

2017



# Hei-TORQUE series

The robust and reliable overhead stirrers of the Hei-TORQUE series are designed for maximum longevity and highest safety. Our powerful motors

guarantee the best mixing results, a shortened process duration and can be utilized for unattended continuous operations due to its latest safety features.

# Value

Ideal for every basic operation with a clear display and the easiest handling



# Hei-TORQUE series

The maintenance-free motors as well as the sealed housing reduce maintenance and repair costs, over its 10 year average lifespan.

When investing in Heidolph products, you are making the decision for premium laboratory equipment, backed by a 3 year warranty.

# Precision

For every operation with highest safety standards, that need to be reproducible and documentable.



Clear overview and robust

# Hei-TORQUE Value

**With a clear display and the easiest handling it is ideal for every standard application**

**Are you looking for a reliable stirrer, that is playfully easy to use?**

The Hei-TORQUE Value overhead stirrer is equipped with the easiest handling. The simple interface combined with great power is its hallmark. Every mixing process can simply be adjusted. No matter low or high viscosity, it manages any media with ease. Choose the right stirrer for your operation, from diverse power ranges - right up to the strongest 400 Ncm model. This contains a two stepped gear for several torque ranges.

Choose your power range:

**100 Ncm** => aqueous to low viscous

**200 Ncm** => low viscous to viscous

**400 Ncm** => highly viscous with **two stepped** gear

The powerful motors guarantee an outstanding mixing result, even in very stiff media. The rotational speed stays consistent even when wild changes in viscosity may occur. In case of permanent overloading the overtemperature protection kicks in and switches off



## Is safety and simplicity important to you?

Ideal for every application requiring the highest safety standards, with the need for reproducible and documentable results.

The **Hei-TORQUE Value** is every bit the equal to the **Hei-TORQUE Precision** when it comes to stamina and mixing. It is valued as the basic model of the **Heidolph** overhead stirrers particularly because of its simplicity.



2,4" digital display:

- Desired and actual rotational speed
- Torque tendency

Control knob for precise speed settings

Safe start and stop of operation via slide touch panel to avoid accidental start-up

### Power classes

<b>100 Ncm</b>	10 – 2.000 U/min
<b>200 Ncm</b>	10 – 2.000 U/min
<b>400 Ncm</b>	step I : 10 – 400 U/min step II: 20 – 2.000 U/min

### Safe and reliable

- Protection class IP 54
- Sealed interface and housing
- Non-sparking motors
- Overtemperature protection

Individual and precise

# Hei-TORQUE Precision

**Ideal for every application requiring the highest safety standards, with the need for reproducible and documentable results**

**Are you looking for an individually adjustable stirrer for reproducible results?**

The **Hei-TORQUE Precision** is the technical complement to the **Value** model. It completes powerful options with precise settings and additional features. These include saving processes for reproducibility.

**Work with low viscous fluids and require highest safety standards?**

Adjust the start operation to your demands: The gentle start prevents splashing fluids. You define the rotational limit to a certain speed, which must not be exceeded. With that an overflow of the beaker is avoided.

**Work with high viscous media and glass impellers?**

Protect your glass impellers from breakage with an individual torque limit. Adjust the start of operation according to viscosity.



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## Want to save processes with intervals and ramps while documenting precisely what occurred?

With the **Hei-TORQUE Precision** you can program profiles with or without ramps, save them in your device as favorites and use it in the interval operation. Observe the process flow due to graphs. Recognize every change of viscosity with the exact torque display. Calibrate the torque for precise documentation so the output value is customizable to surrounding conditions.

## Need to document reproducibly?

Via RS 232 and USB interfaces you can control every **Hei-TORQUE Precision** directly from your PC with the new **Hei-Control** software. An USB cable plus the software are included for free in scope of delivery.

## Free software: Hei-Control

- Control up to four devices with the new Hei-Control software
- Program processes and ramps
- Read out every process and save settings for documentation
- Load saved settings again for reproducible results



3,2" digital display for individual settings of parameters

- Ramp functions
- Save favorite setting
- Interval operation
- Graphical representation of process flow
- Torque display
- Timer / countdown / clock
- Start intensity
- Speed limit
- Torque limit
- Torque calibration

Control knob for precise speed settings

Safe start and stop of operation via slide touch panel to avoid accidental start-up

### Power classes

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### Safe and reliable

- Protection class IP 54
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RS 232 and USB-interfaces



# The Quick-Chuck



## No more chuck keys

With the new Quick-Chuck you can change impellers in seconds with only one hand. No unpleasant searching for a chuck key and no risk of impellers sliding down. With the Quick-Chuck you have everything under control and do not need any extra tools.

## It is that simple:



Fast and easy impeller change with only one hand - without any tools.

