



TWISTER SET 3

/// Data Sheet

TWISTER is a universal and compact mixing device with magnetic drive. TWISTER SET 3 is multi-position magnetic stirrer with three drive units.

In the default version, TWISTER is a powerful single-position magnetic stirrer for mixing up to 5 liters at a maximum speed of 3000 rpm and a viscosity of up to 500 mPas.

By connecting additional TWISTER stirring units (available as accessories, ID no. 0020112621), TWISTER can be expanded to a multi-position magnetic stirrer with up to 30 stirring positions.* The stirring positions can be controlled





either separately or simultaneously (leader-follower principle).

Versatile accessories

With the multi-position stirring attachment TW.IX, the drive is transformed into a magnetic stirrer with 9 stirring positions for efficient mixing of sample vessels with small volumes (8 - 60 ml).

The TW.VX shaker attachment transforms the universal magnetic drive into a vortex or orbital shaker.

Innovative operating concept

TWISTER enables a new way of interaction between user and laboratory instrument. Via the intuitive and chemically resistant 360° LED glass display, all information is intuitively conveyed without any alpha-numeric display. During operation, either the speed or the power required for stirring can be displayed. For example, viscosity changes can be observed and displayed as a percentage.

Mixing can be started by pressing a button as well as (thanks to integrated beaker recognition) by placing or touching the beaker.

The reverse function changes the direction of rotation at definable time intervals. This leads to a significant improvement of the mixing result, especially with samples that are difficult to mix.

Robust and safe

The high protection class IP 66 allows operation under harsh conditions. TWISTER can thus be cleaned under the tap, for example, or operated in an incubator at temperatures up to 40°C.

The compact and innovative design has already been awarded the reddot Award 2022. It is particularly suitable for use in laboratories with limited space.

* Depending on the number of devices, a different power supply may have to be used. The included power supply is designed to power up to four devices.









designed for scientists

Technical Data

3
135
0.005
5
5
right / left
LED
LED
Touch key
100 - 3000
100
10 - 30
+6
glass
124 x 124
yes
optional
yes
optional
optional
6
1
optional
optional
±2
yes
yes
yes
optional
optional
135 x 24 x 135
0.6
5 - 40
80
IP 66
optional
optional
optional
optional
100 - 240
50/60
10
2
24
400



