



designed for scientists



TWISTER Add-on unit

/// Data Sheet

Add-on unit for existing TWISTER setups.
It is supplied without power supply and without accessories.

Please check whether the power of your currently used power supply is sufficient to supply the planned number of TWISTER devices:

Up to 2 devices: power supply from TWISTER SET 1 & 2

2 to 4 devices: TW. PWR.1 or power supply from TWISTER SET 3 & 4

4 to 30 devices: TW.PWR.2

Technical Data

Number of stirring positions	1
Stirring quantity min. per stirring position (H2O) [l]	0.005
Stirring quantity max. per stirring position (H2O) [l]	5
Maximum load [kg]	7.5
Motor rating output [W]	5
Direction of rotation	right / left
Speed display set-value	LED
Speed display actual-value	LED
Speed adjustment	Touch key
Speed range [rpm]	100 - 3000
Setting accuracy speed [rpm]	100
Stirring bar length [mm]	10 - 30
Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h) [K]	+6
Set-up plate material	glass
Set-up plate dimensions [mm]	124 x 124
Automatic reverse rotation	yes
Intermittent mode	6sec - 30min
Viscosity trend measurement	yes
Speed deviation (no load, nominal voltage, at 1500rpm + 25 °C) [%]	±2
Modular expandable stirring system (2-30 units)	yes
Leader- follower operation (minimum 2 units required, leader unit controls synchronously follower unit)	yes
Vessel detection (optional activated/deactivated)	yes
Dimensions (W x H x D) [mm]	135 x 24 x 135
Weight [kg]	0.6
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 66
USB interface	optional
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	10
Power input standby [W]	2
DC Voltage [V=]	24
Current consumption [mA]	400