

## TT-DOS-40 Twister Digital Overhead Stirrer

### HIGHLIGHTS

- Easy to operate, clear LED display with real-time speed and torque
- Accurate and constant speed control
- Anti-spill with smooth start
- Explosion-proof DC brushless motor
- Closed casing to prevent liquid from entering the interior and corrosion
- Continuous and stable operation
- Safety features (eg. overload, short circuit and abnormal speed) with alarm
- Clockwise and counter clockwise stirring mode

### High Performance Stirrer for Medium to High Viscosity Sample

TT-DOS-40 Twister Digital Overhead Stirrer is a robust, general purpose stirrer for medium to high viscosity liquid or solid-liquid mixture, up to 40L. It offers flexible speed range from 50 – 2200 rpm. The controls are easy to operate and enable user to set required speed and torque, with real-time LED display. The anti-spill feature prevents sample spill by implementing a smooth and steady start up. Speed precision is guaranteed by the microprocessor to ensure reliable and reproducible performance. The unit comes with a standard stainless steel stirrer rod of choice.

### APPLICATIONS

- Mixing of medium to high viscosity liquid or solid-liquid mixture
- Dissolving solids and nutrients
- Prevent suspended matter from settling during titration
- PH-metering, extraction and dialysing with small quantities of substances
- Suitable for chemistry, biochemistry, molecular biology, microbiology, pharmaceutical, medical, chemical analysis, petrochemical, food and cosmetic laboratories



### EACH STANDARD SET INCLUDES

- Stirrer rod of choice
- One stand with base

## TECHNICAL DATA

Specifications	TT-DOS-40 Digital Overhead Stirrer
Max. stir capacity	40L
Speed range	50 - 2200 rpm
Speed control accuracy	±3 rpm
Speed display accuracy	±1 rpm
Time range	30s - 999 min or continuous
Max. torque	60 N.cm
Max. viscosity	50,000 mPas
Drill chuck clamping diameter range	0.5-10 mm
Stirrer rod material	Stainless steel (304)
Microprocessor control	Yes
Display alarm	Yes
Audible alarm	No
Voltage	DC 24V, 50/60Hz
Power	130W
Dimension (W x D x H)	83 x 186 x 220 mm
Net weight	2.8 kg
Permissible ambient temperature	4°C - 45°C
Permissible relative humidity	≤70%

## ORDERING INFORMATION

Cat. No.	Digital Overhead Stirrer
TT-DOS-40-24V	Twister Digital Overhead Stirrer TT-DOS-40, 40L, 50-2200rpm, DC24V

## OPTIONAL ACCESSORIES

Cat. No.	Propeller style	Specification	Propeller diameter	Stirrer rod diameter	Stirrer rod length	Maximum speed
TT-SR60	Straight	1 blade	60 mm	8 mm	400 mm	2200 rpm
TT-SR90	Centrifugal	2 blades	90 mm	8 mm	400 mm	2200 rpm
TT-SR50	Crossed	4 blades	50 mm	8 mm	400 mm	2200 rpm
TT-SR68	Square	1 blade	68 mm	8 mm	400mm	1000 rpm

