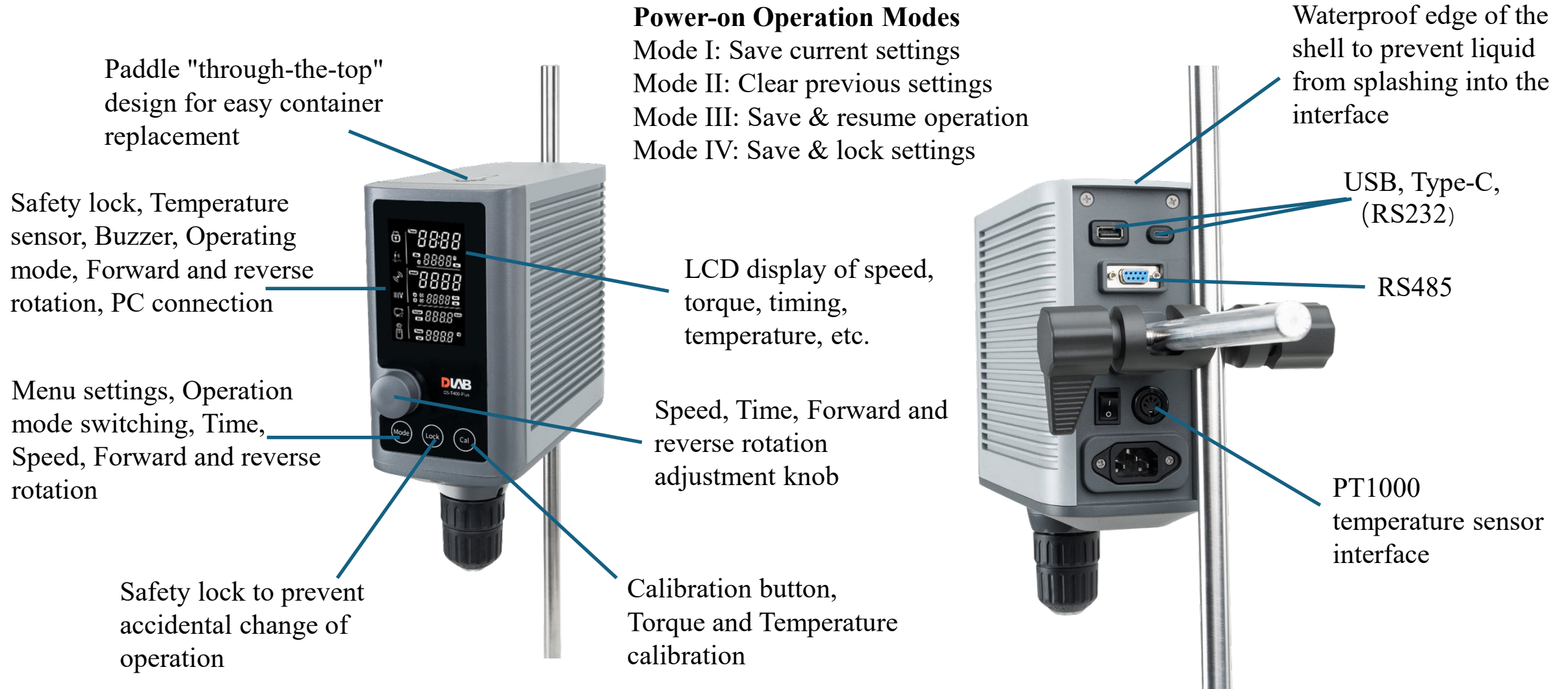


Key Features

- No external transformer, enhancing operational safety.
- Maintains constant speed despite changes in sample viscosity.
- Two speed levels available (OS-T400-Plus): low speed with high torque, and high speed with low torque.
- Equipped with timer, temperature display, and torque display; temperature and torque can be calibrated.
- Four Power-on Modes: Flexible settings for parameter saving and operation recovery after power interruption.
- Speed setting: Adjustable forward, reverse, and forward/reverse rotation modes.
- Buzzer and Safety Lock: Provides audible alerts and prevents unexpected changes in operating status.
- Top-cross stirring paddle design, facilitating easy container changes.
- Optional H-type stand with adjustable width available.



OS-T40/T60/T400-Plus



Various Mixing Paddles Available



Viscosity Range

Very Low (VL)	0 - 100
Low (L)	100 - 1,000
Medium (M)	1,000 - 10,000
High (H)	10,000 - 100,000

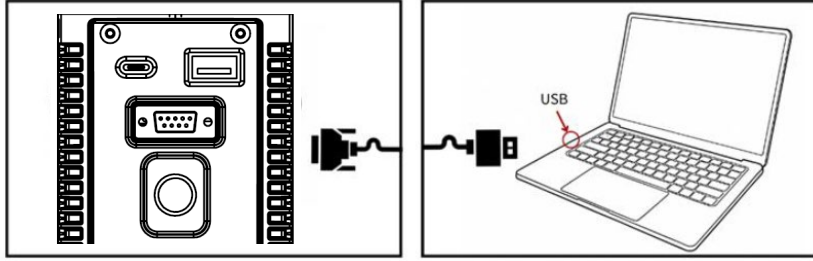
Sample	mPa*s
Water	1
Kerosene	10
Lubricating oil	100
Castrol oil, Glycerin	1,000
Shampoo	3,000
Refined honey	7,000
Body cream	8,000
Honey	10,000
Choccolate syrup	25,000
Ketchup	50,000
Toothpaste	70,000
Molasess, Asphalt	100,000

Overhead Stirrer applications

- Chemical synthesis, materials science
- Food analysis : Homogenization of sample pretreatment
- Biopharmaceuticals: Pills, tablets, raw material mixing, etc.
- Food processing: butter, tomato sauce, eggs, sesame paste, etc
- Cosmetics: cream, shampoo, conditioner, etc
- Building materials: soil, mortar, clay, stone powder, etc

Remotely Controllable via RS232 Port

RS232 data cable connects to PC



Key Features:

- Basic parameter settings, operation, and stop
- Multi-stage program operation, speed gradient setting
- Program operation file save, export, and import
- Intermittent operation, alternating forward and reverse operation
- Real-time data operation curve display of speed, torque, and sample temperature
- Experimental process data collection and recording, data export

PC Control Software for Overhead Stirrer Control Software

The screenshot displays the 'Overhead Stirrers Software V1.0.0' interface. It features a dark blue header with 'Experiment' and 'Settings' tabs. The 'Settings' tab is active, showing various control parameters. On the left, there is a diagram of an overhead stirrer. The main panel includes sections for 'Function settings' (Stir settings, Temperature and torque), 'Timer settings', and 'Process control'. The 'Process control' section contains buttons for 'Add Step', 'Delete Step', 'Export Process', 'Load Process', and 'Run Process'. Below these buttons is a table with columns for 'Number', 'Run time', 'Speed(50~2200)', and 'Direction'. On the right, there are two real-time data graphs. The top graph shows temperature (°C) and torque (N·cm) over time (00:00:00 to 00:04:00). The bottom graph shows temperature (°C) over time (00:00:00 to 00:05:00). Both graphs have checkboxes for 'Set speed', 'Realtime speed', 'Realtime torque', and 'Real time temperature'. At the bottom right, there are buttons for 'Start Collect Data' and 'Export'.