

Viscosity measuring Overhead Stirrer EVO OS1

Features

- Torque measuring function
- Viscosity measuring function
 - It is completed by numerous testing with viscosity standard solution from Brookfield, so EVO OS1 guarantees 15% deviation
- Target Viscosity function
 - EVO OS1 can mix sample to a designated viscosity within available range, upon reaching to target viscosity, stirring is automatically stopped
- User friendly display
 - EVO OS1 displays Speed/Timer/Torque/Viscosity simultaneously
- Belt-type gear system
 - Powerful motor realize soft and powerful operation
 - 3-ratio of gear enables various range of viscosity-max. 150,000mPas
- High durability
 - Chrome-plated anti-rust chuck
- High stability
 - “Anti-trembling” function for impeller
- High fidelity LCD display (Graphic icons for each mode)
- Jog-Dial controller and electrostatic touch-type mode button
- Safety functions
 - Overload & Heat Protector for Motor/Error Code Display
- Made in Korea



EVO OS1

Specification

| Model | EVO OS1-10 | EVO OS1-15 | EVO OS1-20 | |
|------------------------------|--|-----------------------------|-----------------------|--------------|
| Stirring Capacity | Max. 25 Lit. (H2O) | Max. 40 Lit. (H2O) | Max. 60 Lit. (H2O) | |
| Maximum Viscosity | 70,000 mPas | 100,000 mPas | 150,000 mPas | |
| Maximum Torque | 130 Ncm | 195 Ncm | 293 Ncm | |
| Gear Rate | 2.0 : 1 | 3.0 : 1 | 4.5 : 1 | |
| Speed | Range | 30 to 2,000(3,000)rpm | 20 to 1,200rpm | 15 to 800rpm |
| | Resolution | 5 rpm-display/5 rpm-control | | |
| Motor | Direct driven DC motor | | | |
| Motor Rating (Input/Output) | 200W / 160 W | | | |
| Timer/Alarm | 99hr 59min/Error status, Timer-end | | | |
| Controller | Digital Fuzzy Controller w/Electrostatic Touch button+Jog-dial | | | |
| Display | High Fidelity LCD with Back-Light function | | | |
| Viscosity Measuring Range | 10,000 to 100,000 mPas (15% Deviation) | | | |
| Max. impeller shaft diameter | 10mm | | | |
| Other Special Functions | Torque Measuring in real time/Viscosity measuring function Target Viscosity function/Real Time Monitoring by USB port | | | |
| Permissible temp./RH % | 0 ~ 40°C/80% RH | | | |
| Material | ABS and Aluminum | | | |
| Safety Device | Overload & Heat Protector for Motor/Error Code Display | | | |
| Power Consumption | 280 W | | | |
| Dimension/Weight | 80x194x245mm, 3.95Kg | 80x194x245mm, 4.0Kg | 80x194x245mm, 4.6Kg | |
| Packing size/Gross weight | 310x365x135mm, 4.57Kg | 310x365x135mm, 4.62Kg | 310x365x135mm, 4.68Kg | |
| Power supply | AC120V,60Hz or AC230V,50/60Hz, 1P | | | |
| Set models Include | Impeller/Standard plate stand/Clamp | | | |