

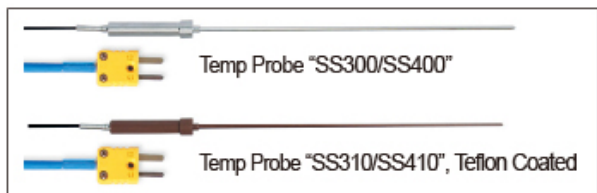
SciLab® **PREMIUM** Hi-Torque Overhead Stirrer "SOvs-T16", with Hi-Capacity BLDC-motor, Max. 25:1, 160,000mPas with Torque(Ncm)- / Viscosity(mPas)- / Temperature(°C)-Real Time Display, Optional Remote Control, Max. 2,000rpm **NEW**  
 프리미엄 중/고점도용 교반기, 고사양 BLDC-motor, 토크- / 점도- / 온도-표시기능, "Push-Through" Shaft(φ 10mm or Less)



A. PREMIUM "SOvs-T16" Unit Only



B. PREMIUM "SOvs-T16" Package-set



(1) Direct Contact Temp Probes, K-type (Optional)

(2) K-type PTFE Encapsulated Stainless-steel Thermocouple Probe (Optional)

- Made in Korea
- PL (Product Liability) Insurance
- Patented Jog Dial & Touch Button
- Hi-Capacity Brushless DC-motor : High Efficiency Stirring Performance and Precise Speed Control (Minimize RPM Fluctuation), Low Maintenance Cost
- Torque Value(Ncm)-/Viscosity(mPas)-/Temperature(°C) Real-time Display  
Can be used with K-type Temp. Probe for Temperature Display.
- Can be used with Optional Digital Remote Controller.
- "Push-Through" Shafts(φ 10mm or Less) ; Ideal for Raising or Lowering the Stir-Shafts without Moving the Motor Head - "Adjustable Height of Shaft"
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- \* Ideal for Low-/Middle-Viscosity
- \* Smooth Start and Change of the Stirring Speed.
- \* Large Size Digital LCD Display

### Specifications & Ordering information

Spec.	Model	"SOvs-T16" Max. Torque 160,000mPas
Stirring Capacity		Max. 100 Lit (H <sub>2</sub> O)
Maximum Viscosity / Torque		160,000 mPas / 600 Ncm
Speed Range & Motor		50~2,000RPM, Hi-Capacity Brushless DC-motor, Gear(Max 25:1 Ratio)
Motor Rating (Input / Output)		250 / 200W
Controller / Safety Device		Digital PID Control / Over Heat & Current Protector for Motor
Chuck Grip Capa. φmm		dia φ6~10mm Shafts, Flex-Coupling(φ6~16mm)
"Push-Through" Shafts		dia φ 10mm or Less
Permissible Temp. & Humidity		0 ~ 40°C, 80%
Dimension & Weight & Material		84 × 205 × h275mm, 3.5kg, Aluminum Die Casting
Power Consumption		300W
Electrical Reqts.		1 Phase, AC 120V, 60 Hz or AC 230 V, 50 / 60 Hz

\* Other Specifications are available upon Customer's Request

#### A. Unit-only

SL.StiO0016 Hi-Torque Overhead Stirrer Unit "SOvs-T16", 230V  
 SL.StiO0016.1 , 120V

#### B. Package-set

- \* Complete with ① "SOvs-T16" Stirrer Unit
- ② "S732" Stainless-steel Impeller (Rod φ8 × L500mm, 4-Blade φ70mm)
- ③ "CL200" Clamp
- ④ "KA1177" Safety Stand (Rod φ23 × L800mm, Base 34 × 29cm)

SL.StiO0116 Overhead Stirrer "SOvs-T16" Package-set, 230V  
 SL.StiO0116.1 , 120V

#### C. Optional Digital Remote Controller, with Connecting Cable 1.5m

- \* Assembly-type, Torque / Viscosity / Temp-Control & Display
- \* Connecting Cable 1.5m(Included) and 2m(Option)
- \* Size : w75 × d150 × h30mm, Weight : 150g

SL.WOS50010 Digital Remote Controller with 1.5m Connecting Cable & Plug  
 DH.Cabl002 Optional Connecting Cable & Plug, 2m

#### Optional Temperature Probes

##### (1) Direct Contact Temp Probes, K-type

DH.WHP503040 Temp Probe, K-type, "SS300", L250 × φ 4.8 mm  
 DH.WHP503050 , "SS400", L380 × φ 4.8 mm  
 DH.WHP503041 Temp Probe, K-type, "SS310", Teflon Coated, L250 × φ 5 mm  
 DH.WHP503051 , "SS410", Teflon Coated, L380 × φ 5 mm

##### (2) K-type PTFE Encapsulated Stainless-steel Thermocouple Probes

※ Note! For the Optional Probes ⇒ See the "Thermometer, Digital K-type" Section  
 For the Optional Impellers ⇒ See the "Stirrer, Accessories" Section