

Overhead stirrer | high-speed

digital, up to 10 / 20 liter, 10,000 / 50,000 mPas, 200 - 3,000 rpm

200 - 3,000 rpm
10,000 mPas
50,000 mPas



HS-100D Set

HS-D high-speed digital

Ideal for:

- all mixing applications in the laboratory
- specialized for low- to medium-viscosity materials

Features:

- maximal 10 / 20 liter
- 200 - 3,000 rpm
- maximal viscosity 10,000 / 50,000 mPas
- direct driven motor
- digital LCD display
- smooth start and change of stirring speed while operation
- storage function for timer and speed
- impeller height adjustable
- chrome-plated stainless steel chuck
- CE certified and unique serial number for tracing

Safety mechanism:

- timer 99h 59min with timer-end signal
- error status
- locking mode
- overload protection
- overheat protection
- operation LEDs

Controller:

- **Jog-Shuttle** controller with touch-button

Model	HS-30D	HS-100D
Design	high-speed	
Controller-type	digital, integrated, Jog-Shuttle	
Stirring capacity (H ₂ O)	max. 10 l	max. 20 l
Max. viscosity (mPas)	10,000 mPas	50,000 mPas
Max. torque (Ncm) at chuck	85 Ncm	145 Ncm
Max. impeller shaft	ø 8 mm	
Speed range	200 - 3,000 rpm	
Timer & alarm	99hr 59min (with continuous run), error status and timer-end	
Controller	digital Feedback Controller with Jog-Shuttle (Turn+Push)	
Display	digital LCD with backlight function	
Permissible temperature & RH %	ambient temperature 0 - 40°C, 80% RH	
Safety device	overheat & overload protection	
Dimension & weight	90x145xh180 mm, 4,5 kg	90x145xh180 mm, 5,3 kg
Packaging size	320x300xh180 mm, 5 kg	320x300xh180 mm, 8 kg
Material	ABS & Aluminium	
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz	
Order number 230V	Unit: DH.WOS01015 Set: DH.WOS01016	Unit: DH.WOS01025 Set: DH.WOS01026
Order number 120V	Unit: DH.WOS02015 Set: DH.WOS02016	Unit: DH.WOS02025 Set: DH.WOS02026

Set includes: Unit HS-D
Impeller HS-30D: PL010 3-bladed ø 50 mm, HS-100D: PL015 4-bladed ø 70 mm
Clamp CL200