

OS20-Pro Digital Overhead Stirrer
OS40-Pro Digital Overhead Stirrer



Features

- ❑ **Accurate stirring speed control:**
Control technology accurately delivers precise speed.
- ❑ **Anti-spill feature:**
PC control insures smooth acceleration, preventing spills.
- ❑ **LCD real-time display:**
Set value and actual value are displayed. Real-time monitoring of torque and speed via the LCD display.
- ❑ **Overload protection:**
Motor will automatically stop if overload occurs.
- ❑ **Safety circuit:**
Automatic power-off if motor overheats.
- ❑ **RS232 Port:**
PC control and documentation of all measuring values via RS232 interface and free software.
Programs can be set to carry out safety monitoring.



Specifications	OS40-Pro	OS20-Pro
Max. stirring quantity(H ₂ O) [L]	40	20
Motor rating input [W]	120	60
Motor rating output [W]	100	50
Speed range [rpm]	50-2200	50-2200
Speed display accuracy [rpm]	±3	±3
Speed display	LCD	LCD
Speed display resolution [rpm]	1	1
Max. torque [Ncm]	60	40
Torque display	LCD	LCD
Overload protection	LED light flash, auto stop	LED light flash, auto stop
Motor protection	LED light flash, auto stop	LED light flash, auto stop
Viscosity max. [mPas]	50000	10000
Chuck range diameter [mm]	0.5-13	0.5-13
Rod size [dia.xl] (mm)	14x220	14x220
Dimensions [W x H x D] (mm)	83x220x186	83x220x186
Weight [kg / lbs]	2.4 / 5.28	2.4 / 5.28
Voltage [VAC]	100-240	100-240
Frequency [Hz]	50/60	50/60
Power [W]	130	70
Protection class acc. to DIN/EN 60529	IP42	IP42
WorkingTemperature[°C]	5-40	5-40
Maximum relative humidity [%]	80	80
Remote control (RS232 interface)	Yes	Yes

Ordering information

Cat No.	Description
84010301	OS20-Pro Digital Overhead Stirrer (Excludes stand), Max. stirring quantity 20L
84020301	OS40-Pro Digital Overhead Stirrer (Excludes stand), Max. stirring quantity 40L

Accessories

Cat No.	Description
18900070	Stand, including support holder and clamp
18900071	Cross stirrer, 316L stainless steel
18900072	Straight stirrer, 316L stainless steel
18900073	Paddle stirrer, 316L stainless steel
18900074	Centrifugal stirrer, 316L stainless steel
18900075	Cross stirrer, PTFE-coated
18900076	Straight stirrer, PTFE-coated
18900077	Paddle stirrer, PTFE-coated
18900078	Centrifugal stirrer, PTFE-coated



18900071



18900072



18900073



18900074