

# Overhead Stirrers

- **Small powerful overhead stirrers**
- **Digital rpm display**
- **PC interface**
- **Maintenance-free brushless motor**
- **Low voltage power supply**



## R 20 / R 60 / R 16

**R 20 / R 60:** A robust stirrer motor with up to 60 Ncm torque, programmed soft start and soft stop motor control, RS232 interface, brushless 60 W motor, quick release chuck and hollow shaft for inserting and fixing tools up to 10 mm. Maintenance-free brushless motor allowed long time using of device.

The device is suitable for light to medium viscosity stirring tasks.

**R 16:** Convenient and long lasting small laboratory overhead stirrer with electronic feedback speed control. Comes with a mounting rod which can be attached to any laboratory stand. Chuck for stirring elements of 4 mm or 6 mm diameter. We offer a special designed stirring paddle in stainless steel which can be ordered together with the stirrer.



Technical Data	R 20D-PC	R 60D-PC	R 16
Speed range [1/min]	50 – 2000	20 - 800	50 – 1000
Torque, max. [Ncm]	20	60	4
Stirring quantity, max. (H2O) [l]	30	100	10
Viscosity, max. [mPas]	10.000	50.000	100
Chuck range [mm]	1 – 10.5	1 – 10.5	6.0 fix
Power supply [V]	24VDC / 60W	24VDC / 60W	24VDC / 25W
PC interface	RS 232	RS 232	-
Weight [kg]	1.3	1.3	0.7
Dimensions [WxHxD mm]	68 x 165 x 130	68 x 165 x 130	67 x 105 x 121
Protection class according to DIN EN 60529	IP42	IP42	IP42

Order Information	Part Number	
24VDC / 25W		60213-0050
Stirrer incl. Power supply, 24VDC/60W	60214-0055	60214-0065
Power cable, EU-plug (Type F)	30732-0057	30732-0057
Power cable, USA-plug (Type B)	30200-0081	30200-0081
Power cable, UK-plug (Type G)	30200-0080	30200-0080



Accessories	Part Number	Description
Pedestal stand	60491-0000	Stand dimensions: 330 x 220 mm. Rod: 16 x 690 mm
Crossover clamp budget	60492-0000	Gray Aluminum painted clamp. For support rod: 6-12 mm
Crossover clamp standard	60492-0050	Stainless steel clamp. For support rod: 6-12 mm
Crossover clamp with 2 clamp levers	60492-0020	Stainless steel clamp with clamp levers. For support rod: 6-12 mm
Stirring shaft protector	60618-0060	Protection of shaft for stirrer
PC-Connection cable	50276-0005	PC-Connection cable (1m)
RS232 extension cable	30275-0051	RS 232 extension cable 1.8 m
USB to RS232 adapter	30244-0001	USB adapter for connection PC to RS232 interface to stirrer
Software	Upon request	Control software for stirrer