

Overhead Stirrers

- **Universal laboratory overhead stirrers**
- **Digital rpm display**
- **Overheat & overload protection**
- **Keyless chuck**



R 18 / R 50 / R 80

The universal laboratory overhead stirrer series. The stirring motors are well suited for all stirring needs of moderate viscosity in any laboratory, either professional or classroom. The use of instrument is advantageous where the speed adjustment of stirring processes has to be reproducible.



Technical Data	R 18	R 50	R 500	R 800-PC
Speed range [1/min]	100 – 2000	50 – 1600	50 – 1600	20 – 700
Torque, max. [Ncm]	18	50	50	80
Stirring quantity, max. (H ₂ O) [l]	20	100	100	120
Viscosity, max. [mPas]	8.000	30.000	30.000	60.000
Chuck range [mm]	1 – 10.5	1 – 10.5	1 – 10.5	1 – 10.5
Power supply [V]	See: order information	See: order information	See: order information	See: order information
PC interface	-	-	-	RS232
Weight [kg]	2.2	2.3	2.3	2.5
Dimensions [WxHxD mm]	65 x 200 x 120	65 x 200 x 120	65 x 200 x 120	65 x 200 x 120
Protection class according to DIN EN 60529	IP32	IP32	IP32	IP32

Order Information	Part Number			
230 VAC / 50Hz, EU plug (Type F)	60214-0000	60215-0000	60216-0000	60311-0000
115 VAC / 60Hz, USA plug (Type B)	60214-0001	60215-0001	60216-0001	60311-0001
230 VAC / 50Hz, UK plug (Type G)	60214-0003	60215-0003	60216-0003	60311-0003



Accessories	Part Number	Description
Pedestal stand	60491-0000	Platform dimensions: 330 x 220 mm, rod diameter: 16 mm, length: 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
Stirring shaft protector	60618-0060	Protection of shaft for stirrer
RS232 interface cable	30275-0051	Interface cable 1.8 m for connection to PC
USB to RS232 adapter	30244-0001	USB adapter for connection PC to RS232 interface of R 100
Software	Upon request	Control software for stirrer