

Overhead Stirrers

- **Stirrers for high viscosity applications**
- **Overheat & overload protection**
- **Backlit display**
- **Analog & Digital Interface**
Switch-off timer
- **Control software available**



R 100

Powerful microprocessor controlled stirrer for heavy duty jobs. A multi-step safety system carries out a self test of all safety functions and detects and protects against overload as well as overtemperature. The bright backlit digital display shows all relevant system data (power input, power output and torque) plus simultaneous display of set and actual motor speed. The display also allows for readout of the absolute or relative torque measurements as well as the power output in watts at the shaft. Torque limits, maximum and minimum motor speeds are programmable.

The unit is supplied with an RS232-interface for computer control. There is also an analogue input for easy remote speed control and analogue output for recorder as well as a programmable switch-off timer.



Technical Data	R 100C	R 100CL	R 100CT	R 100SD
Speed range [1/min]	40 – 2000	30 – 1100	10 – 500	40 – 2000
Torque, max. [Ncm]*	150	250	600	100
Stirring quantity, max. (H2O) [l]	200	200	200	200
Viscosity, max. [mPas]	60.000	70.000	100.000	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	RS 232	RS 232	RS 232	-
Weight [kg]	4.7	4.7	5.5	4.7
Dimensions [WxHxD mm]	78 x 200 x 230	78 x 200 x 230	78 x 200 x 250	78 x 200 x 230
Protection class according to DIN EN 60529	IP42	IP42	IP42	IP42

* periodic duty type S3 30% (short-time Duty)

Order Information	Part Number			
230 VAC / 50Hz, EU plug (Type F)	60218-0000	60315-0000	60314-0000	60313-0000
115 VAC / 60Hz, USA plug (Type B)	60218-0001	60315-0001	60314-0001	60313-0001
230 VAC / 50Hz, UK plug (Type G)	60218-0003	60315-0003	60314-0003	60313-0003



Accessories	Part Number	Description
U-Stand	60494-0000	Special stand for using of R 100 stirrer with vessels up to 500 mm diameter
Special clamp	60495-0000	Clamp to fix the R 100 stirrer to the U-Stand
„Jumbo“ clamp	8B005650	Clamp to fix stirring shaft protector to the U-Stand
Stirring shaft protector	60618-0060	Protection of shaft for stirrer
RS232 interface cable	30275-0051	Interface cable 1.8m 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