

Stirrers, IDL

Laboratory stirrers for all stirring tasks up to the „medium viscosity“ range. Handy size, slender design and minimal weight, insertable stirring rods and universal use of stirring tools by means of a precision chuck are all outstanding features of these units.

Stirrers for stirring capacities up to 200 l

Technical Data RED 100 C / RED 100 CT / RED 100 SD:

Drive:	permanently actuated DC drive
Speed:	40 to 2000 rpm / 10 to 500 rpm / 40 to 2000 rpm
Power output:	220 Watt / 220 Watt / 180 Watt
Maximum torque:	150 Ncm / 600 Ncm / 100 Ncm
Maximum range of chuck:	1 to 10.5 mm
Viscosity:	medium to high viscosity
Mains voltage:	230 V, 50 Hz
Operating mode:	continuous
Permissible ambient temper.:	+5°C to +60°C
Weight:	5 kg / 5.5 kg / 5 kg
Dimensions (WxDxH):	78x170x190 mm / 78x170x215 mm / 78x170x190 mm

Article	Order No.
① Stirrer RED 100 C	51 00 20100

Very powerful stirrer for laboratories and test centers, hollow shaft and chuck (10.5 mm), electronically adjusted speed, digital display, RS232 interface.

Article	Order No.
Stirrer RED 100 CT	51 00 21100

Same device as the RED 100 C, however with a lower speed range of 10 to 500 rpm and a higher torque, dafür of 600 Ncm; ideal for working with higher viscosity media.

Article	Order No.
Stirrer RED 100 SD	51 00 22100

High-performance stirring motor with four-digit speed display. The speed range of this stirrer is microprocessor-controlled (fuzzy logic) and infinitely adjustable from 40 to 2000 rpm. The maximum torque output is 100 Ncm. Hollow shaft and chuck (10.5 mm). The gradual start-up of the motor increases safety and prevents unnecessary splashing.

Accessories

Article	Order No.
Special holding clamp RE 100	51 00 22110
U-stand	51 00 22120

Stirrers for stirring capacities up to 100 l

Powerful laboratory stirrer, chuck, shaft well up to 10.5 mm, electronically controlled speed, 50 Ncm torque.

Technical Data RED 10 and RE 10:

External dimensions (WxDxH):	65 x 100 x 108 mm (plus 55 mm for the chuck)
Weight:	approx 2.1 kg
Power supply:	230 V~, 50/60 Hz
Nominal torque:	approx 50 Ncm
Speed:	50 to 1600 rpm, infinitely variable
Power output:	85 W

Article	Order No.
② Stirrer RED 10 with digital display	51 00 22010
Stirrer RE 10 without digital display	51 00 21010



Stirrer for stirring capacities up to 50 l

Electronically controlled, sturdy laboratory stirrer, 18 Ncm, stirring rod non-insertable.

Technical Data RE 18:

Drive:	Permanently actuated DC drive
Speed range:	110 to 2000 rpm (RE18)
Power output:	85 W
Torque across the total speed range:	18 Ncm (RE18)
Chuck range:	0.5 to 10.5 mm
Viscosity of medium:	RE18 low viscosity medium (runny)
Mains voltage:	200 V to 250 V, 50/60 Hz or 110 V, 50/60 Hz
Diameter of arm:	13 mm
Weight: approx 2.1 kg	
Dimensions (WxDxH): (plus 55 mm for chuck)	65 × 108 × 100 mm
Permissible ambient temperature:	+5°C to +40°C max. 80% relative humidity
Permissible operating time:	100%

Article	Order No.
③ Stirrer RE 18	51 00 23010

without the illustrated accessories

