



Bringing the future to your laboratory:

- new: With digital display
- new: Robust, slimline, ergonomic design
- new: Technical improvements on the trusted RW 20 series designs
- With constant power-drive
- Two speed ranges for universal use from 60 - 2.000 rpm
- Push-through agitator shafts (only when stationary)

Technical Data			
Stirring quantity max. (H <sub>2</sub> O) [l]	20	Motor rating input [W]	70
Motor rating output [W]	35	Speed display [-]	LED
Speed range [1/min]	60 - 2000	Viscosity max. [mPas]	10000
Output max. at stirring shaft [W]	26	Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	150	Torque max. at stirring shaft at 60 1/min (overload) [Ncm]	300
Torque max. at stirring shaft at 100 1/min [Ncm]	150	Torque max. at stirring shaft at 1.000 1/min [Ncm]	24
Speed range I (50 Hz) [1/min]	60 - 500	Speed range II (50 Hz) [1/min]	240 - 2000
Speed range I (60 Hz) [1/min]	72 - 600	Speed range II (60 Hz) [1/min]	288 - 2400
Speed control [-]	stepless	Stirring element fastening [-]	chuck
Chuck range min. diameter [mm]	0.5	Chuck range max. diameter [mm]	10
Hollow shaft, inner diameter [mm]	10.5	Hollow shaft (push-through & when stopped) [-]	yes
Fastening on stand [-]	extension arm	Extension arm diameter [mm]	13
Extension arm length [mm]	160	Torque display [-]	no

Nominal torque [Nm]	1.5	Dimensions (W x H x D) [mm]	88 x 294 x 212
Weight [kg]	3.1	Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80	Protection class according to DIN EN 60529 [-]	IP 20
RS 232 interface [-]	no	Analog output [-]	no
Voltage [V]	220 - 240	Frequency [Hz]	50/60
Power input [W]	72		



Powerful, mechanically controlled stirrer. Suitable for quantities up to 80 l (H<sub>2</sub>O) for use in laboratories and pilot plant stations.

- Two speed ranges for highly viscous media and for intensive mixing
- Push-through agitator elements

Technical Data			
Stirring quantity max. (H <sub>2</sub> O) [l]	80	Motor rating input [W]	220
Motor rating output [W]	90	Speed display [-]	scale
Speed range [1/min]	60 - 1400	Viscosity max. [mPas]	50000
Output max. at stirring shaft [W]	90	Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	900	Torque max. at stirring shaft at 60 1/min (overload) [Ncm]	1144
Torque max. at stirring shaft at 100 1/min [Ncm]	900	Torque max. at stirring shaft at 1.000 1/min [Ncm]	86
Speed range I (50 Hz) [1/min]	60 - 400	Speed range II (50 Hz) [1/min]	240 - 1400
Speed range I (60 Hz) [1/min]	72 - 480	Speed range II (60 Hz) [1/min]	288 - 1680
Speed control [-]	stepless	Stirring element fastening [-]	chuck
Chuck range min. diameter [mm]	1	Chuck range max. diameter [mm]	10
Hollow shaft, inner diameter [mm]	10.5	Hollow shaft (push-through $\checkmark$ when stopped) [-]	yes
Fastening on stand [-]	extension arm	Extension arm diameter [mm]	16

Extension arm length [mm]	145	Torque display [-]	no
Nominal torque [Nm]	9.0	Dimensions (W x H x D) [mm]	123 x 364 x 252
Weight [kg]	7.4	Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80	Protection class according to DIN EN 60529 [-]	IP 42
RS 232 interface [-]	no	Analog output [-]	no
Voltage [V]	220 - 240 / 115 / 100	Frequency [Hz]	50/60
Power input [W]	220		



Powerful, mechanically controlled stirrer with AC motor and high IP protection class. Suitable for quantities up to 80 l (H<sub>2</sub>O) for use in laboratories and pilot plant stations.

- Two selectable speed ranges for high viscosity (range I) or intensive mixing (range II)
- Agitator elements are push-through
- Connecting cable and motor management not included with the product

Technical Data			
Stirring quantity max. (H <sub>2</sub> O) [l]	80	Motor rating input [W]	270
Motor rating output [W]	180	Speed display [-]	scale
Speed range [1/min]	40 - 1400	Viscosity max. [mPas]	50000
Output max. at stirring shaft [W]	135	Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	911	Torque max. at stirring shaft at 60 1/min (overload) [Ncm]	1515
Torque max. at stirring shaft at 100 1/min [Ncm]	911	Torque max. at stirring shaft at 1.000 1/min [Ncm]	91
Speed range I (50 Hz) [1/min]	40 - 370	Speed range II (50 Hz) [1/min]	120 - 1400
Speed control [-]	stepless	Stirring element fastening [-]	chuck
Chuck range min. diameter [mm]	1	Chuck range max. diameter [mm]	10
Hollow shaft, inner diameter [mm]	11	Hollow shaft (push-through $\zeta$ when stopped) [-]	none

Fastening on stand [-]	extension arm	Extension arm diameter [mm]	16
Extension arm length [mm]	160	Torque display [-]	no
Nominal torque [Nm]	9.11	Dimensions (W x H x D) [mm]	140 x 468 x 279
Weight [kg]	9.3	Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80	Protection class according to DIN EN 60529 [-]	IP 54
RS 232 interface [-]	no	Analog output [-]	no
Voltage [V]	220 - 240 / 380 - 420 Δ / Y	Frequency [Hz]	50
Power input [W]	270		



- The most powerful IKA® stirrer for laboratories, pilot plant stations and small-scale production.
- For stirring tasks up to 200 l (H<sub>2</sub>O)
  - Two speed ranges for highly viscous media and intensive mixing
  - Cables and plugs not included in delivery

Technical Data			
Stirring quantity max. (H <sub>2</sub> O) [l]	200	Motor rating input [W]	513
Motor rating output [W]	370	Speed display [-]	scale
Speed range [1/min]	57 - 1300	Viscosity max. [mPas]	100000
Output max. at stirring shaft [W]	300	Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	3000	Torque max. at stirring shaft at 60 1/min (overload) [Ncm]	4642
Torque max. at stirring shaft at 100 1/min [Ncm]	3000	Torque max. at stirring shaft at 1.000 1/min [Ncm]	285
Speed range I (50 Hz) [1/min]	57 - 275	Speed range II (50 Hz) [1/min]	275 - 1300
Speed control [-]	stepless	Stirring element fastening [-]	chuck
Chuck range min. diameter [mm]	3	Chuck range max. diameter [mm]	16
Hollow shaft, inner diameter [mm]	13	Hollow shaft (push-through $\zeta$ when stopped) [-]	no
Fastening on stand [-]	flange	Torque display [-]	no
Nominal torque [Nm]	30	Dimensions (W x H x D) [mm]	145 x 445 x 340
Weight [kg]	15	Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80	Protection class according to DIN EN 60529 [-]	IP 54

RS 232 interface [-]	no	Analog output [-]	no
Voltage [V]	3 x 400 Y / 3 x 230	Frequency [Hz]	50
Power input [W]	513		