

# Mixing, Heating and Shaking

## Mechanical overhead stirrers

### RW 28D

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 not push-through
- Cables with plugs not included in delivery

Product no	Description
13920/90	400V 50Hz
13920/91	230V 60 Hz



#### Technical specifications

Stirring quantity (H <sub>2</sub> O)	80l
Max viscosity	50,000mPas
Motor rating input/output	270/180W
Output at stirring shaft	135W
Max ON-time	100%
Max torque at chuck	
per 60rpm	1,515Ncm
per 100rpm	911Ncm
per 1,000rpm	91Ncm
Speed range I (50Hz)	40-370rpm
Speed range II(50Hz)	120-1,400rpm
Speed range I (60Hz)	48-444rpm
Speed range II(60Hz)	144-1,680rpm
Speed display	scale
Chuck range	1-10mm
Diameter/length of extension arm	16mm/160mm
<b>General data</b>	
Dimensions (w x d x h)	140 x 279 x 468mm
Weight	9.3kg
Permissible ambient temperature	5-40°C
Permissible relative humidity	80%
Protection class acc. to DIN EN 60529	IP 54

### RW 47D

The most powerful IKA® stirrer for laboratories, pilot plant stations and small scale production.

- For stirring tasks up to 200l (H<sub>2</sub>O)
- Two speed ranges for highly viscous media and intensive mixing
- Cables with plugs not included in delivery

Product no	Description
13920/92	400V 50Hz
13920/93	230V 60 Hz



#### Technical specifications

Stirring quantity (H <sub>2</sub> O)	200l
Max viscosity	100,000mPas
Motor rating input/output	513/370W
Output at stirring shaft	300W
Max ON-time	100%
Max torque at chuck	
per 60rpm	4,642Ncm
per 100rpm	3000Ncm
per 1,000rpm	285Ncm
Speed range I (50Hz)	57-275rpm
Speed range II(50Hz)	275-1,300rpm
Speed range I (60Hz)	69-330rpm
Speed range II(60Hz)	330-1,560rpm
Speed display	scale
Chuck range	3-16mm
Hollow shaft, inner diameter	13mm
Fixing	flange
Dimensions (w x d x h)	145 x 340 x 445mm
Weight	15kg
Permissible ambient temperature	5-40°C
Permissible relative humidity	80%
Protection class acc. to DIN EN 60529	IP 54