



RL-3000D

**RL-3000, High Speed Mixers**

**Features:**

- Stirring quantity maximum 50Liter(H<sub>2</sub>O).
- Double torque (kg-cm) display: Display with 5 sections in percentage. Also, Display with figures in digital.
- Digital timer control in 0-99 hours 59 min.
- Modern outlook with the easy operation.
- Stainless steel chuck and stirring shaft.
- The chuck suits to the shaft under Ø10mm.
- Various speed and torque selections are available.
- Basic type without digital display and time setting.
- Easy height adjustment.
- Brushless DC Motor.



RL-3000

Digital Model	RL-3000D
Base Model	RL-3000
Motor	DC-150W
Speed (rpm)	200-3000
Torque (kg-cm)	3.5
Viscosity (1000 cps/L)	5
Time setting	0~99 Hours, 59 mins
Body size (mm)	W110xD220xH166
Body net weight (kg)	3.5
Power	AC110/220V, 50/60Hz

**Accessories:**

**Stirring Shaft:** Ø8x500mm

**Propeller:** No. 8 Ø50mm

**Stand base:** W400xD315xH54mm, 8kg.

**Holder**

**Pole**



HOD-30

**HOD-30, High Speed Mixer**

**Features:**

- Digital speed (rpm) display.
- Spring hoister for easy operation.
- Stirring shaft Ø8mm, length adjusted freely.
- Auto function of current accelerating and restraining.
- With an overheat protection and fuse safety device.
- Small motor with high torque provides quiet and vibration less operation.
- Stainless steel shaft and chuck.

**Accessories:**

**Stirring Shaft:** Ø8x500mm




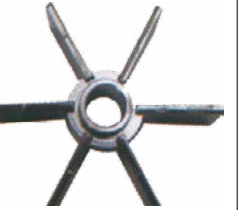



















**Propeller:** No. 11 Ø50mm

**Stand base:** W310xD270xH21mm, 3kg.

Model	HOD-30
Motor	DC 210W
Max. Speed (rpm)	3,000
Torque (kg-cm)	7
Viscosity (1000 cps/L)	30
Body size (mm)	W125xD265xH270
Stand Body Size (mm)	W310xD270xH690
Net weight (kg)	10
Power	AC110/220V, 50/60Hz

# Impellers

# MIXERS

No.1 Paddles high shear radial flow	No.2	No.3	No.4	No.5
				
Ø 4.5,5,6.5,7.5,8.5,9.5cm	Ø 5cm	Ø 5cm	Ø 5cm	Ø 5cm
No.6 4-bladed	No.7	No.8 3-bladed	No.9	No.10 Dissolver stirrer
				
Ø 3, 7, 10cm	Ø 5cm	Ø 5cm	Ø 5, 9cm	Ø 1.5, 2.5, 4cm
Standard stirring element. For drawing the material to be mixed from the top to the bottom. Local shearing forces. Generates axial flow in the vessel. Used at medium to high speeds.	-	Flow-efficient design. For drawing the material to be mixed from the top and the bottom. Minimum shearing forces. Used at medium to high speeds.	-	Radial flow, for drawing the material to be mixed from the top and the bottom. High turbulence, high shearing forces. Particle reduction. Used at medium to high speeds.
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No.11 Dissolver stirrer High shear dispensing	No.12	No.13 3-bladed, Axial Flow	No.14 4-bladed	No.15
				
Ø 5, 6, 8, 10, 12, 14cm	Ø 10cm	Ø 5cm	Ø 5, 7, 10cm	Ø 8, 10, 12cm
This stirrer provides radial flow for drawing the material to be mixed from the top and the bottom while creating high turbulence and high shearing forces for particle reduction. Medium to high speeds required.	Two-bladed stirrer whose blades open with increasing speed. Perfect for stirring in round vessels with narrow necks and the effect is similar to that of a 4 bladed propeller stirrer. Medium to high speeds required.	Flow-efficient design for drawing the material to be mixed from the top and the bottom while creating minimum shearing forces. This propeller stirrer is used at medium to high speeds.	Standard stirring element for drawing the material to be mixed from the top to the bottom. It creates local shearing forces and axial flow in the vessel. This propeller stirrer is used at medium to high speeds.	Flow-efficient design for drawing the material to be mixed from the top and the bottom while creating minimum shearing forces. This propeller stirrer is used at medium to high speeds.
				

# MIXERS

## Impellers

No.16	No.17 Centrifugal stirrer	No.18 Anchor stirrer	No.19	No.20 Paddle stirrer
				
Ø 8, 10, 12, 16, 20cm	Ø 5cm	Ø 5, 7, 7.5, 8, 11cm	Ø 9.5cm	Ø 7cm
Flow-efficient design for drawing the material to be mixed from the top and the bottom while creating minimum shearing forces. This propeller stirrer is used at medium to high speeds.	-	Tangential flow, high shearing rate at edges, minimum deposits on the vessel wall. Used at low speeds. Polymer reactions, even distribution of high mineral contents in liquids. The ideal stirrer for medium to highly viscous fluids.	-	Tangential flow, minimum turbulence, good heat exchange, gentle treatment of product. Used at low to medium speeds. For applications of gentle treatment of materials.
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No.21	No.22	No.23	No.24	No.25
				
Ø 3cm	Ø 2.5, 4cm	Ø 14cm	Ø 10cm	Ø 4cm
No.26	No.27	No.28	No.29	
				
Ø 6.5cm	Ø 7cm	Ø 6.8cm	Ø 8.5cm	
Crossed stirrer, shaft length 35cm, PTFE coated. Standard stirring element, used at medium and high speeds	Straight stirrer, shaft length 35cm, PTFE coated. Suitable for mixing of low viscosity media, used at medium and high speeds	Blade stirrer, shaft length 35cm, PTFE coated. Gentle processing samples, used at low and medium speeds	Centrifugal stirrer, shaft length 35cm, PTFE coated. Blades open with increasing speed for stirring in a round vessel with a narrow neck, used at medium and high speeds	