

DM-10

Magnetic Stirring Heating Mantle

Lab1st DM-series magnetic stirrer is a laboratory device that employs a rotating magnetic field to cause a stir bar (or flea) immersed in a liquid to spin very quickly, thus stirring it. The rotating field may be created either by a rotating magnet or a set of stationary electromagnets, placed beneath the vessel with the liquid. We provide 4 models with 2L, 5L, 10L and 20L.

Features

Easy to quickly and precisely adjust temperature and rotation speeds with LCD screen

Equipped with two sets of thermocouples for temperature and speed measurement

The plate is made of aluminum alloy material, with external anodic oxidation treatment, which has good thermal conductivity and corrosion resistance

High output torque, suitable for stirring low viscosity large volume or high viscosity small volume solution



Parameters

Model	DM-10
—— TECHNICAL DATA ——	
Room Temperature	RT-380°C;±1°C
Temp.Sensor	PT100
Controller	PID Control, Digital Display
Max Flask Volume [L]	10
—— ELECTRICAL REQUIREMENTS ——	
Voltage	220V
Phase	1P
Frequency	50/60HZ
Heating Power [W]	2100
—— STIRRING ——	
Rotating Speed [rpm]	50-1800
Motor Power [W]	40
—— INSULATION ——	
Insulating Layer	Material: Fiberglass; Temperature Resistance 450°C
Insulation Coefficient	≥500m (Relative Humidity≤35%)
—— ACCESSORIES ——	
Support Rod	400mm*2
PTFE Stir Bar	1
Internal Temperature Probe	1

Boss Head Clamp	1
——WEIGHT DIMENSION——	
Unit Weight [Kg]	20
Unit Dimension [mm]	480×330×260

Packages

W (mm)	CBM (m3)
D (mm)	Weight (kg)
H (mm)	

* Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.