



## LHDM450D Emulsification Homogenization Digital

Download  
Catalogue



### Digital, 2,000-27,000rpm

Quite operation



### Wide range of different tools

Stainless steel dispersing elements, can be cleaned quickly and easily



### LCD Display

Remote display, error code, timer-end alarm, Overload & overheat protection

### Features:

- 2000 to 27000rpm
- Working range volume 1-2500ml H<sub>2</sub>O
- Digital LCD Display on remote controller to settings:
- Speed, Time Interval
- Timer from 10sec to 15 min
- CE certificate

### Safety mechanism

- Timer – end alarm
- Electronic Overload protection
- Overheat protection

### Controller

- Shuttle remote controller with touch button
- Plastic disposable dispersing elements are available in two sizes
- It is applicable in various fields such as, medical research, chemical industry, quality control

Tehcnical spec.	LHDM450D
Speed range & resolution	2,000-27,000 rpm, 10 rpm
Working range	1ml - 2,500 ml
Motor rating	Input: 300W, output: 160W
Timer & alarm	10 sec-15 min, timer-end alarm
Display	Digital LCD white backlight function (with error code)
Controller	Digital Feedback controler (remote)
Safety device	Overload & overheat protection
Material	Stainless steel
Permissible temperature & RH %	Ambient temperature +5 to +50°C, 85% RH
Extension arm size	Ø12.7x L250 mm
Dimension & weight	60x75xh215 mm, 2.5 kg
Packaging size	580x340xh230 mm, 6 kg
Power supply	1 phase AC 120V, 60 Hz or AC 230V, 50/60 Hz
Optional	Plate stand (80cm, 100cm, 120cm), Bosshead (6-16mm)

## COLO LabExperts

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Tehcnical spec.	HT1020
Working range	10-1.500 ml
Stator	Ø18 mm
Rotor	Ø12.8 mm
Gap stator <-> rotor	0.25 mm
Maximal speed	20.000 rpm
Immersion depth min.	40 mm
Immersion depth max.	165 mm
Shaft length	225 mm
Bearing material	PTFE, AISI 316L
Suitable for solvent	Yes
Maximal temperature	180°C
Sterilization method	All methods
Suspension and emulsions	Suspension: 10-50 µm, emulsion: 1-10 µm

Please note

If this Homogenizer does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

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