



LHDM450D Emulsification Homogenization Digital

Download
Catalogue



Digital, 4.000-26.000rpm

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:

- 4000 to 26000rpm
- A variety of different specifications of the working head, to meet the 0.2 ~ 10000ml processing volume H₂O
- 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

Tehnickal spec.	LHDM450D
Speed range & resolution	2,000-27,000 rpm, 10 rpm
Working range	1ml - 2,500 ml
Motor rating	Imput: 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)

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Tehcnical spec.	HT1020
Working range	A variety of different specifications of the working head, to meet the 0.2 ~ 10000ml processing volume
Stator	Ø18 mm
Rotor	Ø12.8 mm
Gap stator <-> rotor	0.25 mm
Maximal speed	26.000 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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