

# Magnetic stirrer with hotplate

**CONTROLTECNICA**

digital, up to 380°C, 80-1.500 rpm, ceramic-coated square-type plate

## MSH-D square-type, digital, 380°C

### Ideal for:

- mixing of chemical, laboratory and pharmaceutical materials
- heat-sensitive procedures in microbiology and biochemistry
- sample drying and general lab heating applications

### Features:

- up to 380°C
- shade motor for 80-1.500 rpm
- digital display with backlight
- ceramic-coated aluminium plate 180x180 / 260x260 mm
- heat-, chemical- and acid-resistant
- no liquid can get into the body
- powder-coated body
- easy to clean
- 30 mm stirrer bar included
- CE certified and unique serial number for tracing

### Safety mechanism:

- timer 99h 59min with timer-end signal
- error status
- locking mode
- operation LEDs

### Controller:

- **Jog-Shuttle** controller with touch-button



Model	MSH-20D	MSH-30D
Body	powder-coated aluminium	powder-coated steel
Plate	ceramic-coated aluminium 180x180 mm	ceramic-coated aluminium 260x260 mm
Stirring capacity	max. 20 l	
Speed & control resolution	80 ~ 1.500 rpm, 5 rpm	
Temperature range & accuracy	max. 380°C, ±0.3°C	
Temperature resolution	0.1°C display, 0.5°C control	
Temperature uniformity	specially designed heating module: temperature difference less than 10%	
Heating power / consumption	600W	1.2kW
Timer & alarm	99hr 59min (with continuous run), error status and timer-end	
Display	digital LCD with backlight function	
Controller	digital feedback controller with Jog-Dial (Turn+Push) and touch button	
Safety circuit	overheat protection	
Stirring bar	30 mm bar included, usable up to 50 mm bar	
Permissible temperature & RH %	ambient temperature +5 ~ 50°C, 85% RH	
Dimension & weight	206x307xh99 mm, 3.3 kg	286x387xh99 mm, 3.5 kg
Packaging size	400x280xh200 mm, 5 kg	430x320xh200 mm, 5 kg
Power supply	1 Phase AC 120V, 60 HZ or AC 230V, 50/60 Hz	

Order number 230V	Unit: DH.WMH03020   Set: DH.WMH03021	Unit: DH.WMH03022   Set: DH.WMH03023
Order number 120V	Unit: DH.WMH02020   Set: DH.WMH02021	Unit: DH.WMH02022   Set: DH.WMH02023

Set includes: Unit MSH-D  
 Temperature probe Ø4xL250 mm, cable length: 190 mm  
 Stand rod Ø12xL450 mm, stainless steel (stand rod for MSH-20D with screw)  
 Holder / clamp / clip for fixation of temperature probe

Accessories: External temperature probes, stand rod, stirring bars and holder / clamp / clip on page 29 & 30