Ceramic Hot Plate - Compact Laboratory Hotplate - 380°C - 140 mm Ceramic-Coated Plate, LCD

Model **MSHPT-380PSWISS** | Brand **Master Science**





The Master Science 380°C Ceramic Hot Plate is a compact heater for everyday laboratory work on a crowded bench. Its 140 × 140 mm aluminium plate has a ceramic coating that combines fast, even heat transfer with good chemical resistance.

KEY HIGHLIGHTS

- Quick heat transfer
- Clear readout
- Sample-level control
- Space saving
- For higher temperatures, see our 550°C LED hot plate.

AT A GLANCE

Room temperature +5°C to 380°C
TEMPERATURE RANGE

An external PT1000 probe gives direct control.
GUESSING SAMPLE TEMPERATURE

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

Scan to view online

Overview

Temperature is adjustable from just above ambient up to 380°C and shown on a high-resolution LCD. An external PT1000 sensor can be connected for direct control of the sample temperature, and an independent 420°C overheat protection keeps the Master Science 380°C Ceramic Hot Plate safe in routine use.

Small labs need reliable heating without taking up much space. The Master Science 380°C Ceramic Hot Plate helps with:

Key Benefits

Quick heat transfer
Aluminium plate with ceramic coating heats evenly and fast.

Clear readout
High-resolution LCD shows actual temperature.

Sample-level control
Optional PT1000 probe controls the liquid temperature.

Space saving
Only 180 mm wide.

For higher temperatures, see our 550°C LED hot plate.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSHPT-380PSWISS
SKU	MSHPT-380PSWISS
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Model	MSHPT-380PSWISS
SKU	MSHPT-380PSWISS
Work Plate	140 × 140 mm, aluminium with ceramic coating
Temperature Range	**Room temperature +5°C to 380°C**
Overheat Protection	420°C
External Sensor	PT1000 (±0.5°C)

DISPLAY & DATA	
Display	LCD, ±0.1°C
Heating Output	500 W

POWER	
Total Power	510 W
Voltage	100-120 / 200-240 V, 50/60 Hz

ENVIRONMENT	
Protection Class	IP21
Ambient Conditions	5 to 40°C, up to 80% RH

DIMENSIONS & WEIGHT	
Dimensions (W × D × H)	320 × 180 × 108 mm
Weight	2.2 kg

PROBLEMS THE MASTER SCIENCE 380°C CERAMIC HOT PLATE SOLVES	
Limited bench space	A compact 180 mm wide footprint.
Uneven heating	The aluminium core spreads heat across the plate.
Guessing sample temperature	An external PT1000 probe gives direct control.
Overheating	A 420°C cut-out protects the unit and samples.

Applications

The Master Science 380°C Ceramic Hot Plate is used for
Heating solutions in small beakers and flasks Sample preparation and evaporation Chemistry teaching laboratories Quality control labs Routine heating in research laboratories

Heating

- 140 × 140 mm ceramic-coated aluminium plate
- Up to 380°C
- 500 W heating output

Control

- High-resolution LCD
- PT1000 external sensor input

Safety

- 420°C overheat protection
- IP21 protection

Standard Accessories Included

- Hot plate main unit

Optional Accessories

- PT1000 external temperature sensor