

## Cole-Parmer® Stuart™ MP-400D Melting Point

- LCD display, running the menu system which clearly guides you through the melting process with comprehensive directions
- Useful features such as slots for storing pre-prepared samples and a storage draw to hold a container of capillary tubes.
- Records up to 8 events in memory for each of the three sample tubes, as well as being temperature stamped these events are also date and time recorded, thanks to the integrated real time clock
- MP-400D features a two stage head adjustment, in the first movement the head is pulled towards the user, then in a separate motion the angle of the head can be adjusted by up to 126°, and will automatically hold in place





# Cole-Parmer® Stuart™ MP-400D Melting Point

Designed for fast accurate determination of melting points, the MP-400D can take three samples simultaneously within the optimised heating block, the unit has a maximum temperature of 400°C. To allow maximum flexibility a plateau facility is included with variable ramp rate between 0.5 and 10°C in 0.1°C increments. The tubes are illuminated with bright white LED's to give the clearest view of the samples during the melt. The block has been designed for easy access for cleaning, the front of the head is fully removable to allow full access to the micro furnace.

## Technical Specification

Specification	MP-400D
Melting point method	Digital
No of samples	3
Temperature range	Ambient to 400°C
Temperature resolution	0.1°C
Display	40x 4 LCD
Ramp rate	0.5-10°C in 0.1°C increments
Temperature sensor	PT100 Platinum resistance
Memory	8 results per tube
Accessory printer	Yes
Date/time display	Yes
Cool down time 350-50°C	12 mins
Heat up time 50-350°C	6 mins
Electrical supply	230V, 50Hz, 50W
Onboard capillary storage	Yes
In-built glass cutter	Yes
Language variants	English, German, French, Italian, Spanish
Temperature units	°C
Dimensions h x d x w	325 x 200 x 170
Net weight (kg)	3.6

## Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Advanced Melting Point	03011-49	MP-400	MP-400D	SMP30
Advanced Melting Point with IQOQ Document		MP-400	MP-400D	SMP30/IQOQ
Accessory Printer	83056-79	MP-400	N/A	SMP50/PRINTER
Glass melting point tubes, closed ends, pack of 100	03013-65	MP-400	N/A	SMP2/1
Glass melting point tubes, closed at one end, pack of 100	03013-64	MP-400	N/A	SMP10/1

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