

# Cole-Parmer<sup>®</sup> Stuart<sup>™</sup> MP-800D Automatic Melting Point

- All operation is via the 7" high definition colour touchscreen
- Custom designed user interface based on an established Android platform for intuitive setup and navigation
- Useful storage drawer to house all standard capillary tubes
- Camera technology is employed to produce a high resolution video of the sample melt
- 8GB on-board storage is included, which should comfortably hold approximately 300 melt files including videos





# Cole-Parmer® Stuart™ MP-800D Automatic Melting Point

Cole-Parmer Stuart has been instrumental in making the automatic melting point a commonplace piece of laboratory equipment. By utilising the latest in digital imaging technology, users for the first time, had the opportunity to record a video of the melt. This provides proof of measurement for traceability, and more importantly allows scientists to trust the automatically obtained result.

Cole-Parmer Stuart automatic melting point continues to be at the cutting edge of technological advancements.

## Technical Specification

Specification	MP-800D
No of samples	3 simultaneously
Temperature range	Ambient to 400°C
Temperature resolution	0.1°C
Display	7 inch HD Colour
Ramp rates	0.1-20°C in 0.1°C increments
Temperature sensor	PT1000 Platinum resistance
Memory	8GB (approx. 300 results with video)
Cool down time 350-50°C	~12 mins
Heat up time 50-350°C	~ 6 mins
Oven control	Closed loop PID
Data transfer	USB Flash drive
Sample level	2-3mm in 50mm or 100mm length capillaries
Electrical supply	120V / 230V, 50-60Hz
Temperature units	°C or °F
Size (h x d x w)	164 x 360 x 300mm
Net Weight	4.6Kg
Languages	English / French

## Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Automatic melting point	03013-02	MP-800	MP-800D	SMP50
Automatic melting point with IQ/OQ documentation	03013-03	MP-800	MP-800D	SMP50/IQOQ
Accessory Printer	83056-79	MP-800	N/A	SMP50/PRINTER
Glass melting point tubes, closed ends, pack of 100	03013-65	MP-800	N/A	SMP2/1
Glass melting point tubes, closed at one end, pack of 100	03013-64	MP-800	N/A	SMP10/1

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