

Stuart® Analog Melting Point Apparatus

Don't waste time—measure up to three samples at once



- No complicated programming—place sample in capillary tube, set heating rate, and watch for melt
- Monitor sample through magnifying lens and read temperature on included spirit-filled thermometer
- See sample more easily with integrated LED lamp

Unit includes open-ended capillary tubes—seal one end before using. Process multiple runs faster by cooling sample with optional cooling plug.

What's included: thermometer and pack of 100 capillary tubes (open at both ends).

Stuart® Digital Melting Point Apparatus

No more reading glass thermometers



- Get more accuracy—select, measure, and display temperature digitally
- Be more productive—test two samples simultaneously
- Easily see melt via magnifying lens with built-in illumination

Save time by setting a plateau temperature for initial warm-up, with heating rate continuing at 2°C until melt temperature is reached. Extendable back feet optimize viewing angle.

What's included: pack of 100 capillary tubes (open at one end).

Automatic Digital Melting Point Apparatus

No need to watch—camera captures melt



- Automatically captures melting point through real-time image capture and processing
- Simple-to-use touch screen operation—enter start temperature, ramp rate, stop temperature, and press start
- Alerts to temperature stabilization, end of melt, and temperature deviations
- Conforms to US Pharmacopeia (USP) and GLP requirements

View graphical data real time, or connect to PC for capture and analysis. Printouts of data and graphs can be done with optional printer. Manually view melt through large observation window for unique samples.

Specifications



Temperature range: 50 to 250°C
Heat-up time: 1 to 20°C per minute

Number of samples	Power (VAC, Hz)	Catalog number	Price
Up to 3 simultaneously	120, 50/60	GH-03013-60	
	240, 50/60	GH-03013-61	

Accessories

[GH-03013-62](#) Replacement thermometer, spirit filled, 0 to 250°C

[GH-03013-63](#) Replacement capillary tubes, open both ends. Pack of 100

[GH-03013-64](#) Optional capillary tubes, open one end. Pack of 100

[GH-03013-65](#) Optional capillary tubes, closed both ends. Pack of 100

[GH-03013-66](#) Brass cooling plug

Specifications



Temperature range: ambient to 300°C
Temperature accuracy: ±1.0°C at 20°C, ±2.5°C at 300°C
Heat-up time: 20°C per minute to plateau, 2°C per minute to melt

Number of samples	Power (VAC, Hz)	Catalog number	Price
2 simultaneously	120, 60	GH-03011-40	
	240, 50	GH-03011-41	

Accessories

[GH-03013-64](#) Replacement capillary tubes, open one end. Pack of 100

Specifications



Temperature range: ambient to 396°C
Temperature accuracy: ±0.3°C up to 100°C, ±0.5°C up to 250°C, ±0.8°C up to 400°C
Heat-up time: 0.1 to 20°C per minute
Output: RS-232 printer output and USB

Number of samples	Power (VAC, Hz)	Catalog number	Price
Up to 3 simultaneously	90 to 264, 50/60	GH-03012-90	

Accessories

[GH-03012-92](#) Replacement capillary tubes, open one end. Pack of 300

[GH-03012-91](#) Optional printer with cable and paper

[GH-03012-93](#) Melting point standards

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