



Accurate Results

EZ-Melt uses a platinum RTD sensor to make temperature measurements to 400 °C with 0.1°C resolution. It is easily calibrated in the lab using certified reference standards, and complies with modern Pharmacopeia protocols.

Precise Temperature Control

The small, aluminum oven design, along with microprocessor controlled temperature ramping, allows fast and repeatable warm-up and cool-down cycling. Ramp rates from 0.1°C/min. to 20 °C/min. (1-2-5 sequence) provide the flexibility needed for virtually any melt.

Specification

Model	MPA-120
Stop temperature range	(Start temperature + 4 °C) to 400 °C
Ramp rate	0.1, 0.2, 0.5, 1, 2, 5, 10 or 20 °C per minute
Heat-up time	<10 minutes (50 °C to 350 °C)
Cool-down time	<10 minutes (350 °C to 50 °C)
Temperature accuracy	±0.3 °C (up to 100 °C) ±0.5 °C (up to 250 °C) ±0.8 °C (up to 400 °C)
Temperature sensor	Pt RTD
Oven control	Microprocessor-controlled closed-loop PID
Automated determinations	Onset point and clear point
Manual determinations	Store up to four manual temperature recordings per capillary
User calibration	Single temperature offset, 0.1 °C resolution
Display	4-digit LED display
Power	90 to 264 VAC, 47 to 63 Hz, 125 W
Operating temperature	0 °C to 40 °C, non-condensing

