

# DigiMelt

## Digital Melting Point Apparatus for Students

**\$990** (single unit U.S. price)  
\* quantity discounts available \*



### Preliminary Specifications

#### Display

Type 4 digit LED  
Readout oven temperature;  
start, stop or ramp rate;  
stored measurement data

#### Temperature

Resolution 0.1 °C  
Accuracy  $\pm 0.5$  °C (<200 °C)  
 $\pm 0.8$  °C (<300 °C)  
Reproducibility 0.2 °C

#### Oven

Range 50 °C - 300 °C  
Ramp rates 0.5, 1.0, 2.0, 5.0 °C/min  
Heat-up time ~10 minutes (to 250 °C)  
Thermometer built in Pt RTD  
Temperature control closed-loop PID  
Auto safety shut off after 30 minutes idle

#### Capillaries

Dimensions 1.4 mm to 2.0 mm O.D.,  
100 mm length  
Capacity up to 3 tubes  
Fill height 2 mm to 3 mm  
Tube Tapper automatic sample packing

#### General

Power 90 to 264 VAC,  
47 to 63 Hz, 150 W  
Environment 0 °C to 30 °C,  
non-condensing  
Weight 2 lbs.  
Dimensions 6" x 9.75" x 5" (WHD)

DigiMelt is the modern, low cost, digital melting point apparatus designed specifically for the student lab. Students learn the visual detection capillary method of melting point determination without the frustration of trying to control the oven temperature. DigiMelt rapidly heats the oven to the programmed start temperature, then slowly ramps at the specified rate. The student carefully observes the samples and records the melting points with a touch of a button.

*DigiMelt – Accurate melting points in teaching labs.*



**Stanford Research Systems**

[www.thinksrs.com](http://www.thinksrs.com)

**(408) 744-9040**

© 2008 Stanford Research Systems, Inc. Specifications and prices subject to change.