

# LABORHITS

## Electrothermal Melting Point Apparatus IA 9100 / 9200 / 9300

**8x Magnification**

**Rotating Viewing Head**

**Space-saving**

### Features

- Ergonomic design ideal for multiple users
- Height-adjustable extension arm and a viewing head that may be rotated to suit each user
- The viewing head holds a viewing magnifier that offers 8X magnification
- The extension arm is completely collapsible and can be neatly folded away into the unit, so that the unit can be stored flat to save space
- Each IA 9000 series model comes supplied with a pack of 50 capillary tubes

The updated and improved IA 9000 Series Digital Melting Point Apparatus offers an easy way to measure the melting points of up to 3 samples simultaneously without sacrificing accuracy; the temperature resolution is within 0.1 °C. Heating rate: IA 9100 fixed at 1 °C/min., IA 9200 and IA 9300 adjustable between 0.2 to 10 °C/min. in increments of 0.1 °C.

Up to 4 melting points (IA 9300 up to 6 melting points) can be recorded and transferred to the memory as discreet temperatures for later recall on the display. Model IA 9200/9300 provides the opportunity for computer-supported data analysis. An accessory printer enables documentation of the results, date, time (real time) and sample number.

Type	PK	Cat. No.
IA 9100	1	<b>9.830 441</b>
IA 9200	1	<b>9.830 442</b>
IA 9300	1	<b>9.830 443</b>
Capillary tubes, 1.5 mm Ø	100	<b>9.830 463</b>
Cold finger	1	<b>9.830 445</b>
Capillary tubes, 2.0 mm Ø	1000	<b>4.683 696</b>
Printer with connection cable	1	<b>9.830 448</b>



### Specifications

**Dimensions (W x D x H):** 200 x 350 x 85 mm

**Weight:** 2.5 kg

**Input:** 220 - 240 V

**Output:** 15 V

**Power:** 45 W

**Oven chamber illumination:** 3 x white Super Flux LED's

**Illuminous Intensity (per LED):** 3500 Lux

**Oven temperature range:** 5 to 400 °C

**Digital thermometer sensor:** Platinum resistance thermometer (PT100)

**Measuring range:** Amb. to 400 °C

**Resolution:** 0.1 °C

**Accuracy:** ±0.5 °C at 20 °C linearly to ±1.0 °C at 350 °C

**Display:** 12 x 2 backlit matrix LCD