Digital 9000 Series

Model IA9300

Best Selling, Top-of-the-Line!

- Adjustable 8 x viewing magnifier arm folds away
- Stored temperature data available
- Large LCD display eliminates subjective interpretation
- Optional accessories

CE SA

Product Specifications

- Adjustable extension arm facilitates comfortable viewing and helps reduce operator fatigue.
- The viewing head can be rotated for easier viewing and folds flat for easy and compact storage.
- Object lens can be adjusted to sharpen the focus on the sample.
- Safety eye piece reduces glare and protects your eyes from contact to the hot zone.
- Sample observation is enhanced by an integral light and an 8x wide angle viewing magnifier which enables all three samples to be viewed.
- Digital microprocessor with 0.1°C resolution provides fast warm up, accurate temperature control and operates without the need for a mercury thermometer.
- Three audible beeps indicate when oven temperature has stabilized and it is time to place the sample in the oven.
- Simple push-button controls are conveniently located so you can easily record temperatures without looking away from the sample.
- Heating chamber consists of aluminum heating block which avoids the hazards and mess associated with oil baths.
- Models 9100, 9200 & 9300 are designed for determinations of melting points using glass capillary tubes. Model 9400 utilizes glass slides.
- Models 9100, 9200 & 9300 have a temperature range of ambient to 400°C. Model 9400 has a temperature range of 10 - 100°C.
- RS232 output connector allows interface with the PR2000B printer or computer. (Models 9200, 9300 & 9400 only.)
- Units can be calibrated in the field or can be sent back to the manufacturer for calibration.

Model IA9100

- Records four discrete temperatures by simply pushing the "go-to" button.
- Unit comes with one fixed temperature ramp rate (1°C/min.).
- Fast Ramp Rate of 10°C/min. feature can be used if the melt temperature is unknown. This fast ramp feature can help to find an approximate measurement of melt temperature.
- Temperature data can be temporarily stored and recalled on the LCD display.

Model IA9200

- Records up to four discrete temperatures by simply pushing the "go-to" button.
- Five fixed temperature ramp rates (0.2, 0.5, 1.0, 2.0 and 3.0°C/min.).
- Programmable ramp rates from 0.2 to 10.0°C/min. in 0.1°C increments.
- Can store up to 1000 batches of data, which can be later recalled and viewed on the LCD display or can be printed.
- Dates and time can be recorded or printed using the real time clock function.

Model IA9400

•Model IA9300

- Used for recording beginning and ending points (melting point ranges) of each of three samples.
- Features pre-programmed ramp rates of 1°C per minute.
- Programmable ramp rates from 0.2 to 10.0°C/min. in 0.1°C increments.
- Batch memory can store up to 500 sets of data, which can be later recalled on the LCD display or can be printed.
- Each set of data contains the beginning and ending points for each of the three samples.
- Dates and time can be recorded or printed using the real time clock function.
- LED indicator light identifies which of the three capillary tubes is being viewed on recorded.
- Conforms to U.S. Pharmacopeia requirements.

Model IA9400

- Used to test waxes, fats, grease oils, etc.
- Samples for test are located on a glass slide and placed in slide chamber.
- Temperature range of -10 to 100°C.
- Capable of holding a slide at temperatures down to 0°C.
- Features preprogrammed ramp rate of 1°C/min.
- Programmable ramp rates available from 0.2°C per minute to 10°C per minute.
- Temperature data can be temporarily stored and recalled later on the LCD display.
- Dates and time can be recorded or printed using real time clock function.

ORDERING INFORMATION

Model #	Volt	Overall Dimension Inches (cm) W	H	D	Shipping Weight Lb. (kg)	US List Price	Model #	Volt	Overall Dimension Inches (cm) W	H	D	Shipping Weight Lb. (kg)	US List Price
IA9100[1,2]	230	8 (20)	3.3 (8)	14 (35.5)	5.5 (2.5)	$2,383.00	IA9300X1	115	8 (20)	3.3 (8)	14 (35.5)	5.5 (2.5)	$3,695.00
IA9100X1[1,2]	115	8 (20)	3.3 (8)	14 (35.5)	5.5 (2.5)	$2,383.00	IA9400[2]	230	8 (20)	3.3 (8)	14 (35.5)	5.5 (2.5)	$4,171.00
IA9200[1,2]	230	8 (20)	3.3 (8)	14 (35.5)	5.5 (2.5)	$3,456.00	IA9400X1[2]	115	8 (20)	3.3 (8)	14 (35.5)	5.5 (2.5)	$4,171.00
IA9200X1[1,2]	115	8 (20)	3.3 (8)	14 (35.5)	5.5 (2.5)	$3,456.00	[1] CSA						
IA9300	230	8 (20)	3.3 (8)	14 (35.5)	5.5 (2.5)	$3,695.00	[2] CE						

Model #	Description	US List Price
AZ9062	Low end melting point standard	$499.00
AZ9118	High end melting point standard	$458.00
AZ6730	Calibration Kit	$233.00
AT4042	Cap Tubes 1.5 mm (1000 count)	$196.00
AT4043	Cap Tubes 2.0 mm (1000 count)	$196.00

ACCESSORIES

Model #	Watts	Shipping Weight Lb. (kg)	US List Price
PR2000B	5	11 (5)	$672.00

Printer

- Interfaces with IA9200, IA9300 and IA9400.
- Allows printout of data with date codes included.
- Plastic case
- Power saving feature allows unit to shut off after 1-5 minutes as selected by the user.