COMECTA Melting point apparatus "IA-9100"

MODELS FOR ADJUSTABLE TEMPERATURES UP TO 400 °C

BS EN ISO 9001

Electrothermal

COMMON CHARACTERISTICS

Temperature chamber with telescopic, folding arm and adjustable focus.
Equipped with an 8x focal magnifier.
Low voltage 12 V / 2.2 W inner chamber light.
Removable viewing head for easy cleaning.
Liquid crystal display 12 mm high.
Accommodates up to 100 capillary tubes (depending on model).
Model IA-9100 for melting points between 45 and 400 °C and capacity for 3 capillaries of max. 2 mm Ø.



APPLICATIONS

Research and analysis: Post-synthesis purity testing and control. Pharmaceutical laboratories.

TECHNICAL DATA

Model	IA-9100
Code	5609100
Max. Cap. capillary tubes 2 mm Ø max.	3 units
Melting point memory	4
Batch Memory	-
Temperature ramps	2 ramps: 1 of 1 °C/min. and 1 of 10 °C/min. for searching
Temperature range chamber	from 45 to 400 °C
Digital thermometer range	Ambiente a 400 °C
Thermometer resolution	0,1 °C
Thermometer accuracy at 23 °C ambient temperature	1 °C/min. with 2 mm Ø capillary: ±0.5 °C at 20 °C ±1 °C at 350 °C ±1 digit
Supply voltage	110/220V-50/60Hz
Consumption / Weight	45 W / 2,5 Kg
Height (closed/open) x Width x Depth cm	85/45 x 20 x 35

ACCESSORIES

Capillary tubes of 1.5 mm Ø.
Box of 10 packs of 100 units.
Code 5600150
*** Capillary tubes of 2 mm Ø.**
Box of 20 packs of 50 units.
Code 5600200
Calibration kit.
Code 9560030

COMECTA Portable digital refractometers "NR-101" and "NR-151"

OPTIC ivymen® SYSTEM

APPLICATIONS

Model NR-151. Brix % and Refractive Index hD.
Ideal for sugar % Brix concentrations and hD Refractive Index measurement. Fruits, juices, beverages, milk, wine, oils, food industry, chemical, pharmaceutical, scientific, petroleum, oils, lubricants, etc.
Model NR-101. % Brix, Refractive index hD and % Salinity.
Ideal for sugar concentrations % Brix, for the measurement of Refractive Index hD and sodium chloride in % Salinity.Fruits, juices, beverages, milk, wine, oils, fish, seafood, aquariums, canned water, food industry, chemical, pharmaceutical, scientific, petroleum, oils, lubricants, etc...


Model NR-151

COMMON CHARACTERISTICS

Portable and simple to operate. Digital alphanumeric display. Measurement by optical image detection by photocells integrated in CCD camera and digital image processing technique. Anticorrosive stainless steel prismatic basin and lid.Automatic Temperature Compensation (ATC) at 20 ºC, within a sample temperature range of 5 to 40 ºC.Temperature measurement in ºC or ºF. Calibratable with distilled water. Tolerated alarm limits selection function. Instant response microprocessor. Automatic shutdown in 3 minutes of inoperability. Low voltage alarm indicator. 9 V battery power supply. Operating temperature from 0 to 40 ºC at 90% relative humidity and at a maximum altitude of 2000 m above sea level.

MODELS	Code	Reading and Measurement	Measurement Range	Resolution Measurement	Accuracy Measurement	Temperature range	Temperature resolution	Temperature precision	Height / Width / Depth cm			Weight Kg
NR-151	5901012	Brix %	0,0 - 95,0%	0,1%	±0,1%	0 +40 °C 32 +140 °F	0,1 °C 0,2 °F	±1 °C ±2 °F	6	18	10	0,9
		Refractive Index ηD	1,3330 - 1,5318 ηD	0,0001 ηD	±0,0002 ηD							
NR-101	5901013	Brix %	0,0 - 60,0%	0,1%	±0,1%							
		Refractive Index ηD	1,3330 - 1,4419 ηD	0,0001 ηD	±0,0002 ηD							
		Salinity %	0,0 - 28,0 %	0,1 %	±0,1 %							

Supplied with protective carrying case, dosing burette, distilled water bottle and 9 V battery.