



Automatic Melting Point Apparatus "WRS-2A"

AUTOMATIC DETERMINATION NO VISUAL CONTROL REQUIRED.



A different conception.

Totally automatic, without the need to visually determine the melting point process

APPLICATIONS

Research laboratories, quality control. Test and control of purity after synthesis in pharmaceutical laboratories.

AUTOMATIC MELTING POINT WRS-1B

Single sample analysis
LCD display, simple alphanumeric keypad.
Melting point determination by photoelectric detection.
Automatic functions. Reads and registers the starting point, fusion point and end point.
Part No. **5609401**

AUTOMATIC MELTING POINT WRS-2A

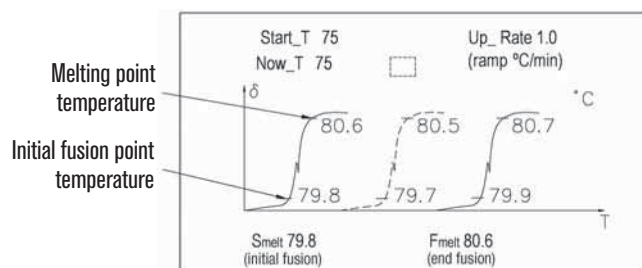
Simultaneous analysis, three samples.
LCD graphic display and 16 keys numeric keypad.
Melting point determination detector photoelectric.
Automatic functions. Reads and registers the starting point fusion point, end point, melting point curve and average value determination.
Part No. **5609402**



Model WRS-1B



Model WRS-2A



Details of graphic display, calculated average of melting point curves.

MODELS	WRS-1B	WRS-2A
Part No.	5609401	5609402
Digital LCD screen	Numeric	Numeric and graphical
Maximum capillary tube capacity, 1.4 mm Ø ext.	1	3
Temperature range	from 50 °C to 300 °C	
Readable temperature resolution	0.1°C	
Melting point measurement precision	Upto 200 °C ±0.5 °C and from 200 °C to 300 °C ±0.8 °C	
Selectable ramp rate in °C/minute	0.2 - 0.5 - 1 - 1.5 - 2 - 3 - 4 and 5 °C/min.	
Repeatability	0.4 °C ramp rate of 1 °C/min	0.3 °C ramp rate of 1 °C/min. 0.2 °C ramp rate of 0.2 °C/min.
Descending time to reach the start temperature	increasing	from 50 °C of 300 °C 3 minutes
	decreasing	from 300 °C of 50 °C 5 minutes
Sample holder	for capillary tubes of 1.4 mm Ø ext. / 1 mm Ø int.	
Sample fill height	3 mm	
Output interface RS-232	9600 baudrate, 1 bit stop and 8 data bits	
Power	110 W	
Weight	9.5 Kg	12.5 Kg
Weight / Dimensions, height x width x depth in mm	380 x 315 x 200	398 x 278 x 210

Supplied complete with 1000 capillary tubes of 1.4 mm Ø ext set of maintenance tools comprising of star and flat screwdrivers, drill bit of 1.5 mm Ø, allen key 3 mm, lamp and fuse, software and protective cover.

ACCESSORY Capillary tubes of 1.4 mm Ø ext. 1.0 mm Ø int. Box of 5000 tubes Part No. **5609404**

SPARE Lamp 6.5 V 0.3 A. Part No. **5609405**