COMECTA Automatic Melting Point Apparatus "WRS-1B" "WRS-2A"

AUTOMATIC DETERMINATION NO VISUAL CONTROL REQUIRED.

A different conception.

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

RS232

APPLICATIONS

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

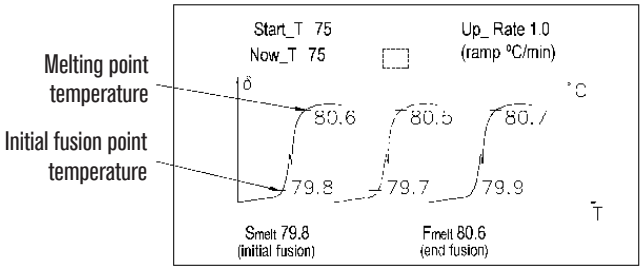


AUTOMATIC MELTING POINT WRS-1B

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**



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.
Decending 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	
Power supply		220V-50/60Hz	
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**