

Semi-Automatic Refractometer ISAR-1200



Semi-Automatic Refractometer ISAR-1200 used in the manufacturing center and production line seeking to maintain a high level of quality and adherence to stringent quality procedures, allow accurate reading of data and still require some manual adjustment to handle this equipment and measuring data rely on user skill. Provide accurate readout of the refractive index, %brix value, and temperature that display on LCD touch display.

The ISAR-1200 provide refractive index range, up to 1.30000 to 1.70000, resolution 0.00001 and brix range, up to 100 %, resolution between 0.1 and 0.01%, with temperature range -20 to 120°C. These refractometer normally have RS232 and USB interface with a PC and are the instruments of choice for high-throughput labs seeking both accuracy and data integrity.

Technical Specification:

Model	ISAR-1200
Refractive Index Range	1.30000 to 1.70000 nD
Refractive Index Resolution	±0.00001 nD
Refractive Index Accuracy	±0.0002
Brix Range	0 to 100%
Brix Resolution	±0.1%
Brix Accuracy	±0.1%
Temperature	-20 to 120°C
Temperature Accuracy	0.5°C
Display	color touch screen
Overall Dimensions	370x240x 470mm
Weight	12 Kg
Electrical Requirement	220 V ± 22 V/50Hz
Catalogue No.	460051002

Technical Data:

Model	ISAR-1100	ISAR-1200
Refractive Index Range	1.30000 to 1.70000 nD	
Refractive Index Resolution	-	±0.00001 nD
Refractive Index Accuracy	±0.0002	
Brix Range	0 to 100%	
Brix Resolution	±0.1%	±0.01%
Brix Accuracy	±0.1%	
Temperature	0 to 50?	-20 to 120?
Temperature Accuracy	-	0.5?
Display	LCD	color touch screen
Interface	RS232	RS232/USB
Dimension	370x240x 470mm	
Weight	12 Kg	
Electrical Requirement	220 V ± 22 V/50Hz	
Catalogue No.	460050502	460051002



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