Automatic Refractometer IAR-1100



Automatic Refractometer IAR-1100is a benchtop automatic refractrometer measure refractive index and brix value of sample at different temperature. The intensity of reflected light is determined by CCD scanner and resulting position of light or dark boundary automatically. To avoid stray light and evaporation, the sample cover is placed over the sample and Sapphire glass and hard glass contain prism. Provide accurate readout of the refractive index, %brix value, and temperature that display on touch display.

The IAR-1100 provide refractive index range, up to 1.30000 to 1.70000, resolution 0.00001 and brix range, up to 100 %, resolution 0.01%, with temperature range 0 to 50℃.

Technical Specification:

Model	IAR- 1110
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	±0.01%
Brix Accuracy	±0.1%
Temperature	0 to 50℃
Interface	RS232/USB/Memory Disk
Prism	Sapphire glass
Display	7 inch color touch screen
Overall Dimensions	500x330x220mm
Weight	9 Kg
Catalogue No.	4601005-04

Technical Data:

Model	IAR- 1110	IAR-1110T
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	±0.01%	
Brix Accuracy	±0.1%	
Temperature	0 to 50?	
Thermostatically Control Range	-	RT to ± 10?
Temperature Accuracy	-	0.5?
Display	7 inch color touch screen	
Prism	Sapphire glass	Hard glass
Interface	RS232/USB/Memory Disk	
Dimension	500x330x220mm	
Electrical Requirement	9 Kg	
Catalogue No.	4601005-04	4601010-04



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