

A610 Refractometer

A610 Automatic Refractometer includes high-performance CCD light-sensitive part, can accurately and efficiently complete sample analysis tests through exclusive signal acquisition, analysis and processing technology. A610 can automatically measure the refractive index (nD) of transparent or translucent liquids and mass fraction (Brix) of sugar solution, is accurate, reliable, quick, easy for operation, and so on.

Characteristics:

- * High-resolution CCD detector offers automatic measurement, avoiding personal errors, having higher accuracy;
- * Measuring prism is made of high hardness sapphire glass, of excellent properties against corrosion and scratches, free for clean and durable;
- * High brightness LED lights with long service life;
- * Extremely large storage capacity can store up to 1000 groups of data information automatically;
- * Exclusive signal acquisition, analysis and processing technology ensures accurate measurement results;
- * Large color touch screen display and innovative WINDOWS software interface give extremely convenient device operation and data acquisition;
- * External USB and RS232 ports can be directly connected to PC, USB disk and SD card interfaces are easy for data export and backup.

Spec:

Refractive index measuring range (nD)	1.3000-1.7000
Measured value error (nD)	±0.0002
Measurement resolution (nD)	0.0001
Scope of sugar solution mass fraction (Brix)	0-95%
Measured value error (Brix)	±0.1%
Measurement resolution (Brix)	0.10%
Scope of temperature display	0-50°C
Interface	RS232/USB/SD card/U disk
Data storage capacity	1000 pieces
Display modes	5.6 inches, TFT touch screen
Power supply	220VAC±10%, 50Hz
Power	50W
Net weight	10kg
Dimensions	455mm*312mm*200mm



A620 Refractometer

A620 Automatic Refractometer includes high-performance CCD light-sensitive part, can accurately and efficiently complete sample analysis tests through exclusive signal acquisition, analysis and processing technology. A620 can automatically measure the refractive index (nD) of transparent or translucent liquids and mass fraction (Brix) of sugar solution, is accurate, reliable, quick, easy for operation, and so on.

Characteristics:

- * High-resolution CCD detector offers automatic measurement, avoiding personal errors, having higher accuracy
- * Measuring prism is made of high hardness sapphire glass, of excellent properties against corrosion and scratches, free for clean and durable
- * High brightness LED lights with long service life
- * Extremely large storage capacity can store up to 1000 groups of data information automatically
- * Exclusive signal acquisition, analysis and processing technology ensures accurate measurement results
- * Large color touch screen display and innovative WINDOWS software interface give extremely convenient device operation and data acquisition
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Spec:

Refractive index measuring range (nD)	1.3000-1.7000
Measured value error (nD)	±0.0002
Measurement resolution (nD)	0.0001
Scope of sugar solution mass fraction (Brix)	0-95%
Measured value error (Brix)	±0.1%
Measurement resolution (Brix)	0.10%
Temperature control mode	flow cell
Scope of temperature display	0-50°C
Interface	RS232/USB/SD card/U disk
Data storage capacity	1000 pieces
Display modes	5.6 inches, TFT touch screen
Power supply	220VAC±10%, 50Hz
Power	50W
Net weight	10kg
Dimensions	455mm*312mm*200mm

