



REF-A65, Automatic Refractometer

Characteristics:

- Cloud service system, connecting cloud database with instruments, data storage is unlimited.
- 7 inch color touch screen, Windows type operating interface, One-touch testing, let the operating and data reading more convenient.
- 2 USB port, RS232 port and internet port for connecting printer or internet, U disk and SD card port for data exporting.
- Completely meet the requirements of user ID classification & tracking, E-signature, and Data tamper-proof, which listed in 21CFR part 11.

Ultra long life light source

It adopt High brightness LED lights with service life exceeding 100000 hours, less time ready for use, save your cost and time.

Perfect measuring prism

Measuring prism is made of high hardness sapphire glass, of excellent properties against corrosion and scratches, free for clean and durable.

Auto temperature control system

REF-A65 adopts peltier temperature control system, make sure the whole testing with accuracy and constant temperature.

Innovatively cloud service system

REF-A65 let the cloud data with Instruments connected, lead the laboratory to Cloud generation.

REF-A65 Auto Refractometer includes high-performance CCD light-sensitive part, can accurately and efficiently complete sample analysis tests through exclusive signal acquisition, analysis and processing technology. REF-A65 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.

Model	REF-A65
Refractive index range(nD)	1.3000-1.7000
Measured value error(nD)	±0.0001
Measurement resolution(nD)	0.0001 / 0.00001
Scope of sugar solution mass fraction(Brix)	0-100%
Measured value error(Brix)	±0.1%
Measurement resolution(Brix)	0.1% / 0.01%
Temperature control mode	Built-in semiconductor
Scope of temperature display	10-85°C
Temperature control range	5-70°C
Temperature control accuracy	±0.05°C
Interface	RS232 / USB / Ethernet interface
Data storage capacity	4G
Display modes	7 inches, TFT touch screen
Power supply	110V-240V (12V,10A)
Power	45W
Net weight	12kg
Dimensions	365x300x150mm