PRODUCT CATALOG

REFRACTOMETER BREF-101

CE ISO9001 CERTIFIED

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REFRACTOMETER BREF-101

Biolab Refractometer is equipped with high-performance CCD light-sensitive part, it can automatically measure the refractive index(nD) of transparent, translucent, dark, viscous and other types liquid sample, also can measure sugar degree(Brix) of sugar solution. It' s accurate, reliable, fast, easy operation.
Used in Mostly used in scientific research institute, petroleum, oil, pharmaceutical, paints, food, daily chemical, sugar and geological prospecting industries..
Also known as Refractometer.

BREF-101 REFRACTOMETER

Peltier accurate temperature control system is built-in, accuracy up to 0.02°C. High-resolution CCD detector offers automatic measurement, avoiding personal errors, having higher accuracy; transparent, translucent liquids or ropiness liquidssamples are all available. High brightness LED light source with service life more than 100000 hours. 7-inch colour touch screen with Android system and 4GB RAM let methods and data expanding excellent.

SPECIFICATIONS

Model	BREF-101
Refractive index measuring range (nD)	1.30000-1.70000
Measured value error (nD)	±0.0001
Measurement resolution (nD)	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	Peltier
Scope of temperature measuring	0-100°C
Temperature control range	5-80 °C
Temperature control accuracy	±0.02 °C
Interface	RS232/USB/SD card/U disk/Internet/wi-fi
Data storage capacity	4GB
Display modes	7 inches, TFT touch screen
Power supply(Power adapter)	110V~240V(12V,10A)
Power	45W
Net weight	5kg
Dimensions	365mmX300mmX150mm

Biolab Scientific Ltd.
3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com