BioLAB

HAZE METER BMET-1202

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The amount of light that is diffused or scattered through the transparent material is measure by the Haze meter.

BMET-1202 HAZE METER

Double standard ISO & ASTM

Easy to operate, faster and more accurate measurement

Dynamic measurement

With compensation port, so that the measurement data more accurate

Easy to measure and widely applicable to samples

Quality control software

SPECIFICATIONS

Model	BMET-1202
Optical Geometry	Transmittance: 0/D (parallel illumination, diffuse reflection receiving)
Standards compliant	ASTM D1003/1044,ISO 13468,ISO 14782,GB/T 2410,JJF 1303-2011,CIE 15.2,JIS K7105,JIS K7361,JIS K 7136
Integrating Sphere Size	Φ154mm
Illuminant	D65,A,C
Spectral mode	/
Sensor	The PD array detector satisfies CIE V(λ)2 degree visual response
Measurement Wavelength range	/
Wavelength Pitch	/
Semi-bandwidth	/
Measuring range of transmittance	0-100%
Measurement Aperture	Φ20mm/Φ15mm/Φ8mm/Φ4mm(Select a single aperture)
Sample thickness	less than 170 mm
color space	/
Color Difference Formula	/
Other Colorimetric data	Haze(ASTM D1003/1044,ISO13468),Transmittance T(ISO),Transmittance T(ASTM)
Observer	2°
Displayed Data	Pass/fail result
Measurement Time	About 1.5s
Measurement accuracy	0.01
Repeatability	Φ20 mm caliber, less than 0.08 (after the instrument is warmed up and corrected, test the standard deviation value of the standard deviation value of the standard haze sheet with a haze of about 30 is tested at an interval of 5s)
Inter-instrument agreement	Φ20mm,with 0.4 (After the instrument is preheated and calibrated, the standard deviation between the standard haze tablet and the reference value is tested at an interval of 5s.)
Operating Environment	0~40℃ (32~104°F)
Storage Environment	-20~50℃ (-4~122°F)
Battery Performance	DC 24V, 3A power adapter

Lamp life	5 years, more than 30000000 times measurement
Display	7 inch TFT capacity, Touchscreen display
Interface	USB, printing port
Data Storage	Standard 1000 pcs,sample 20000 pcs
Language	Chinese, English, traditional Chinese
Standard Accessories	Power Adapter, User Guide,Quality Management Software (download from the official website),USB cable,0% calibration box, measuring aperture.
Optional Accessory	Mini printer, Test Fixture, Standard Haze Sheet, Footswitch
Size	290x211x511 mm
Weight	About 7.6 kg