Biuged ®

One-stop
PURCHASE
Perfect price-performance ratio products
Professional
SERVICE

Opacity Meter/ Intelligent Reflectometer

Opacity Meter is our the newest portable products. It is controlled by microcomputer and has many functions such as measuring data, data storage, dealing with data and searching for data etc.

This meter is used to measure the opacity, or luminuous reflectance, of a grey scale. Suitable for the evaluation of a coatings hiding power, or simple shade sorting tasks of metallized films, anodized aluminium or ceramics. It can calculate the contrast ratio（opacity） and store it. The operator can call up the date when required. It complies with ISO 2814，ISO 3906 , ISO 6504，BS 3900 and DIN 55984.

◆ Small and light, easily portable.
◆ No need to warm up and can work immediately after powering on
◆ Calibrate automatically: judge zero point and calibrate white board automatically
◆ With USB interface and software for transmitting data.
◆ One 1.5V alkaline Battery can be used for almost 60 hours and 100,000 reading.
◆ Long-term stable light source needs no replacing.
◆ With simple test mode and Statistics-Mode.
◆ Calculate the reflectance value automatically.

Scan for video

Main Technical Parameters：
★ Working angle： 45° （irradiate），0° （receive）； CIE Illuminant C
★ Range of Measurement： 0~99.9%
★ Resolution： 0.1%
★ Accuracy： ±1 unit or 1% of full scale
★ Repeatability： ≤ 0.5%
★ Power Supply： One 1.5V alkaline battery or rechargeable
★ Window Size： 12mm×17mm（ellipse）
★ Size： 114mm×32mm×64mm   Weight： 180g
★ Testing Environment： 10℃～40℃, relative humidity should not be over 85%.
★ **Ordering Information:** BGD 583---Opacity Meter