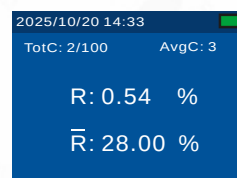


Reflectance Meter

The **BGD 581/S** is a newly developed portable reflectometer featuring full touchscreen operation. It is widely applicable for measuring the hiding power of paints, varnishes, light-colored coatings, color pastes, pigments, and various colorants on substrates.

Features

- ◆ Conforms EN ISO 2814, ISO 6504-3, ASTM D2805, ASTM E97, DIN 55984, BS 3900-D6/D7
- ◆ Portable design for easy carrying and on-site measurements.
- ◆ 2.4-inch full-color touchscreen with clear display and simple, intuitive operation.
- ◆ Combined LED light source and dual-channel CMOS spectrophotometric sensor ensure higher testing accuracy.
- ◆ No zero calibration required, simple and convenient operation.
- ◆ Special moisture-proof design allows reliable use in harsh environments.
- ◆ Instant measurement, no warm-up time, stable readings with no drift, enabling fast results.
- ◆ Long-life light source (over 3 million measurements in 5 years) with no need for replacement.
- ◆ Nationally calibrated whiteboard ensures traceable and reliable measurements.



Main Technical Parameters:

- ★ Optical Geometry: 45°/0°
- ★ Measurement Aperture: ϕ 8mm
- ★ Measurement Range: 0–200.00%
- ★ Resolution: 0.01%
- ★ Measurement Repeatability: $\leq 0.1\%$
- ★ Zero Drift: $\leq 0.1\%/10\text{min}$
- ★ Indication Drift: $\leq 0.1\%/3\text{min}$
- ★ Power supply: Rechargeable lithium battery (supports 8 hours of continuous operation or 5,000 measurements)
- ★ Dimensions: 150mm $\times$ 50mm $\times$ 75mm
- ★ Net Weight: 300g
- ★ **Ordering Information:**
BGD 581/S---Reflectance Meter