



COLORIMETER BMET-809

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A microcomputer colorimeter is suitable for color detection and control on various occasions. It is an ideal choice for color management in garment factories, chemical factories, printing factories, automobile factories, hardware processing factories, mold factories, paint factories, etc.



Light and cross dual positioning functions make the measurement easier;
 Using original new super optical path and dynamic integration time, which has higher measurement stability and measurement accuracy;
 Ring light design, suitable for materials with polarized light (polarization);
 Equipped with high end CQCS3 color quality management software, which can be connected to computers.
 Built-in white plate parameters. No need to calibrate each time which realizes rapid measurement.
 Double Locating: Illuminating locating and precise cross locating.
 Switchable Double Measurement End Face: Large stable end face and small concave convex end face.
 New Integrating Sphere Optical Path Design: Eliminating the stray light of the m

SPECIFICATIONS

Model	BMET-809
Optical Geometry	45°/0°
Standards compliant	CIE No.15, GB/T 3978
Sensor	Silicon Photoelectric Diode Array
Measuring Aperture	Φ8 mm flat
Color Space	CIE LAB, XYZ, LCh
Observer	CIE 10° Standard observer
Illuminant	D65
Displayed Data	Chromaticity Values, Color Difference Values, Pass/Fail Result, Color Offset/Deviation Direction
Measurement Time	1.5 s
Repeatability	ΔE*ab within 0.08 (average value for 30 times)
Interinstrument agreement	ΔE*ab within 0.4 (average value for measuring BCRA series II 12 pcs palettes)
Size (LxWxH)	205 x 67 x 80 mm
Weight	About 400 g (including battery)
Battery Performance	Rechargeable Li-ion Battery, 3.7 V @ 3200 mAh
Lamp Life	5 years, more than 1.6 million measurements
Display	TFT Color 2.8 inch @ (16:9)
Interface	USB
Data Storage	Standard: 100, Sample: 20000
Operating Environment	0-40 °C (32-104 °F)
Storage Environment	20-50 °C (-4-122 °F)
PC Software	CQCS3 software
Standard Accessories	Power adapter, manual, quality management software (official website download), USB cable, wristband
Optional Accessories	Micro Printer, Powder Test Box
Alt Name	Colorimeter



FEATURES

Light and cross dual positioning functions make the measurement easier;
Using original new super optical path and dynamic integration time, which has higher measurement stability and measurement accuracy;

Ring light design, suitable for materials with polarized light (polarization);

Equipped with high end CQCS3 color quality management software, which can be connected to computers.

Built-in white plate parameters. No need to calibrate each time which realizes rapid measurement.

Double Locating: Illuminating locating and precise cross locating.

Switchable Double Measurement End Face: Large stable end face and small concave convex end face.

New Integrating Sphere Optical Path Design: Eliminating the stray light of the main optical path and auxiliary optical path.

Possessing the highest measurement stability and precision.

4mm Measuring Aperture.

Equipped with rechargeable high capacity Li-ion batteries. No need to purchase batteries repeatedly.

Configure CQCS3 software. Connect PC computers to realize more functions.

Handheld structure: small and convenient; make the measurement easier.

Exquisite appearance: adopts traditional and fashionable aesthetic designs.

Spending huge sums on high end mold. Product consistency approaches 100%.

High cost performance: large output, good quality, cheap products.



APPLICATIONS



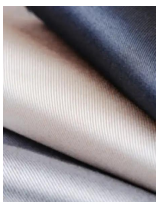
Plastics



Printing



Automobile



Textile



Medicine



Paints



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com