

# COLORIMETER



# COLORIMETER

Used in Paint and Varnish Industry, Food and Publishing Industry.

Also known as Philtre photometer, Photometer.

## MET81-500 COLORIMETER



Product Image Coming Soon

### SPECIFICATIONS

Model	MET81-500
Optical Geometry	8°/D
Standards compliant	CIE No.15, GB/T 3978
Sensor	Silicon Photoelectric Diode Array
Measuring Aperture	Φ 8 mm flat, Φ 4 mm sharp
Color Space	CIE LAB, LCh,XYZ, CIE RGB,CIE LUV
Observer	CIE 10° Standard observer
Illuminant	D65,A,C,D50,F2,F6,F7,F8,F10,F11,F12
Displayed Data	Chromaticity Values, Color Difference Values, Pass/Fail Result, Color Offset/Deviation Direction
Measurement Time	1.5 s
Repeatability	$\Delta E^*ab$ 0.03
Inter-instrument agreement	$\Delta E^*ab$ Within 0.4 (average value for measuring BCRA series II 12pcs palettes)
Size	205x67x80 mm
Weight	500 g
Battery Performance	Rechargeable Li-on Battery, 3.7V@3200 m A h
Lamp Life	5 years, more than 1.6 million measurements
Display	TFT Color 2.8inch@ (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

# MET81-400 COLORIMETER



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## SPECIFICATIONS

Model	MET81-400
Optical Geometry	45°/0°
Standards compliant	CIE No.15, GB/T 3979
Sensor	Silicon Photoelectric Diode Array
Measuring Aperture	Φ 20 mm
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	$\Delta E^*_{ab}$ Within 0.08 (average value for 30 times)
Inter-instrument agreement	$\Delta E^*_{ab}$ Within 0.4 (average value for measuring BCRA series II 12pcs palettes)
Size	205x67x80 mm
Weight	About 400g(including battery)
Battery Performance	Rechargeable Li-on Battery, 3.7 V @ 3200 mAh
Lamp Life	5 years, more than 1.6 million measurements
Display	TFT Color 2.8inch@ (16:9)
Interface	USB
Data Storage	Standard: 100, Sample: 20000
Operating Environment	1~40 °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

# MET81-065 COLORIMETER



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## SPECIFICATIONS

Model	MET81-065
Optical Geometry	8°/D
Standards compliant	CIE No.15, GB/T 3980
Sensor	Silicon Photoelectric Diode Array
Measuring Aperture	Φ 4 mm flat, Φ 4 mm sharp
Color Space	CIE LAB, Lch,XYZ
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	$\Delta E^*ab$ 0.08
Inter-instrument agreement	$\Delta E^*ab$ Within 0.4 (average value for measuring BCRA series II 12pcs palettes)
Size	205x67x80 mm
Weight	About 400g(including battery)
Battery Performance	Rechargeable Li-on Battery, 3.7 V @ 3200 mAh
Lamp Life	5 years, more than 1.6 million measurements
Display	TFT Color 2.8inch@ (16:9)
Interface	USB
Data Storage	Standard: 100, Sample: 20000
Operating Environment	1~40 °C (32~104 °F)
Storage Environment	- 20~50 °C (-4~122 °F)
PC Software	CQCS3 software
Optional Accessories	Micro Printer, Powder Test Box

# MET81-040 COLORIMETER



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## SPECIFICATIONS

Model	MET81-040
Optical Geometry	8°/D
Standards compliant	CIE No.15, GB/T 3981
Sensor	Silicon Photoelectric Diode Array
Measuring Aperture	Φ 4 mm
Color Space	CIE LAB, 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	$\Delta E^*_{ab}$ 0.03
Inter-instrument agreement	$\Delta E^*_{ab}$ Within 0.4 (average value for measuring BCRA series II 12pcs palettes)
Size	206x67x80 mm
Weight	About 400g(including battery)
Battery Performance	Rechargeable Li-on Battery, 3.7 V @ 3200 mAh
Lamp Life	5 years, more than 1.6 million measurements
Display	TFT Color 2.8inch@ (16:9)
Interface	USB
Data Storage	Standard: 100, Sample: 10000
Operating Environment	1~40 °C (32~104 °F)
Storage Environment	- 20~50 °C (-4~122 °F)
Standard Accessories	Power adapter, manual, quality management software (official website download), USB cable, wristband
Optional Accessories	Micro Printer, Powder Test Box



**Biozef**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA

Email: [info@biozef.com](mailto:info@biozef.com) | Website: [biozef.com](http://biozef.com)