



## COLORIMETER BJH1P1

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## COLORIMETER

High cost effective portable colorimeter

In response to the market demand for low price and high cost performance products, we have developed the economic colorimeter, which is a higher cost-effective model. With the advantages of high precision, high performance and low price, this model has been widely used in food, chemical industry, electronics, automobile, cosmetics, food and other fields.



High performance and low price.

Repeatability:  $\Delta E \leq 0.03$ .

Double locating: Illuminating locating and precise cross locating.

Equipped with rechargeable Li-ion batteries, no need to purchase batteries repeatedly.

4mm measuring aperture, portable structure, suitable for more measuring occasions.

White appearance, color box packaging, easy to transport.

Built-in white plate parameters, no need to do calibration.

Directly use after power on, no need to connect with the computer.

It is an economical and practical model, userfriendly interface design is easy to learn and operate. Illuminating and cross double locating functions make measu

## SPECIFICATIONS

Model	BJH1P1
Illuminating/Viewing Geometry	D/8°
Standard	CIE No.15, GB/T 3978
Sensor	Silicon photodiode
Measuring Aperture	4 mm
Color Space	CIE LAB, Lch
Observer	CIE 10°
Illuminant	D65
Display Data	Colorimetric Value; Color Difference Value Storage
Temperature	Graph; PASS/FAIL Result; Color Offset
Measuring Time	1.5 s
Repeatability	$\Delta E^*ab \leq 0.03$ (average of 30 measurements of standard white plate)
Dimension	205 x 67 x 80 mm
Errors between each instrument	$\Delta E^*ab 0.4$
Weight	400 g
Battery	Rechargeable lithium-ion battery 3.7 V @ 3200 mAh
Lamp Life	5 years, >1.6 million measurements
Screen	TFT 2.8 inch (16:9)
Interface	USB
Storage	100 Standards, 10000 Samples
Operating Temperature	0-40 °C (32-104 °F)
Storage Temperature	-20-50 °C (-4-122 °F)
Optional Accessory	Miniature thermal printer, powder test box
Alt Name	Colorimeter



## FEATURES

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## APPLICATIONS

Colorimeters can easily achieve accurate color transmission, also can be used as a measuring equipment for precise color matching systems. It's widely used in traffic signs, plastics, electronics, painting, ink, textile and garment, printing and dyeing, printing paper and so on. With UV included, it can test fluorescent samples.



Traffic sign



Textile



Plastics



Coating



Food



Laboratory



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