Colour & Appearance Testing

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Iris Portable Colorimer has developed the first accurate colorimeter with the measurement aperture up to 4mm, 8mm, and 20mm, which is developed with a reflection of the common techniques and suitable for color examination in all colors testing industries along with the measurement aperture supplies of different materials. Our Colorimer has a promising effect on production observing and quality control. This can be connected to a computer and also controlled either it is connected through the serial interface or by a USB port.

Portable Colorimeter IPC-100 Series

Portable Colorimeter IPC-100 Series used in food, medicine, textile, non-woven fabrics, denim, dyeing and printing, color steel plate, paper, plastic, chemical, coating, ink, building material industries applications. It has a 45/0 °C acceptance angle, and an 8 and 20 mm measurement area for measuring the color of different objects or samples. The smallest and most portable IPC-100 is the instrument of choice for quality control and manufacturing applications. Low cost, the user interface is displayed prominently; highly satisfy repeatability standard deviation 0.08, in compliance with SCM, CE, and ISO9001. This instrument is ruggedly constructed with high impact stainless steel plates. Offer manifold selection tools to confirm we are measuring the selected portion of the sample.

- Built-in white plate parameters. No need to calibrate each time which can perform measurement quickly.
- Double Locating: Illuminating locating and precise cross locating.
- Switchable Double Measurement End Face: Large stable end face and small concave-convex end face.
- New 45°/0° Optical Path Design: Significantly improve the measurement stability and precision.
- 8mm Measuring Aperture.
- Equipped with the rechargeable high-capacity Li-ion battery. No need to purchase battery repeatedly.
- Configure CQCS3 software. Connect PC computers to realize more functions.
- Having got SCM Metrological Certification, CE Certification, and ISO9001 Quality Management System Certification.
- Hand-head structure: small and convenient; make the measurement easier.
- Exquisite appearance: adopts traditional and fashionable aesthetic designs.

Applications

- Food, medicine, textile, non-woven fabrics, denim, dyeing and printing, color steel plate, paper, plastic, chemical, coating, ink, building material industries, etc.

Optional Accessories

- Miniature thermal printer
- PC Software









Portable Colorimeter IPC-200 Series

Portable Colorimeter IPC-200 Series used for high-quality color measurement. Featuring a switchable dual measurement with 4 and 8 mm aperture for industrial color measuring applications including plastic, electronic, paint, ink, textile, garment, printing and dyeing, food, medical, cosmetic, industries, scientific research institutes, schools, and laboratories. It can precisely measure kinds of color indexes in various color spaces and easy to use with powerful functions. The instrument is equipped with high-end color management software that can connect to the PC to achieve more extension functions. The most convenient eco-friendly, low energy consumption instrument, high capacity Lion battery.

- Built-in white plate parameters. No need to calibrate each time that realize 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 the rechargeable high-capacity Li-ion battery. No need to purchase batteries repeatedly.
- Configure CQCS3 software. Connect PC computers to realize more functions.
- Having got SCM Metrological Certification, CE Certification, and ISO9001 Quality Management System Certification.
- Hand-head 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.

Optional Accessories

- Miniature thermal printer
- PC Software
- Powder test box









Portable Colorimeter IPC-300 Series

Portable Colorimeter IPC-300 Series with black and white calibration, advanced PC software, and d/8° measuring geometry. The corresponding software serial number and password protection are configured in the colorimeter. Suitable for color difference analysis, color difference cumulative analysis, chromaticity index, color sample database management, simulating object color, etc. Illumination locating is a quick, simple, and suitable locating function.

- One-touch access to measurement interface
- Structure design in line with ergonomics
- East-to-use operating interface
- The repeatability △E is 0.08.
- Portable structure design which is more conductive to keeping the instrument stable when using
- With intellectual property of PC software.
- Be able to perform color difference analysis, color difference cumulative analysis, chromaticity index, color sample database management, simulating object color, etc.
- Li-ion battery and Support USB and RS332 interface

Optional Accessories

- Miniature thermal printer
- PC Software
- Powder test box



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