



Portable & Handheld Sphere Spectrophotometers

EO3PAINT



Quality paint color matches on common samples

i1 Paint is a cost-effective handheld spectrophotometer for use at retail paint counters. It allows associates to quickly capture quality readings in less than one second on an 8mm portion of a sample like fan deck cards and painted items.

i1 Paint integrates with ColorDesigner PLUS paint software to quickly formulate and store custom paint recipes. Compared to visual color matching, a custom paint match done with i1 Paint will save up to 30 minutes per color match, reduce mismatched paints, and decrease waste.

Benefits:

- Achieves quality color matches with 31-point spectral resolution
- Facilitates one-hand operation with a portable, lightweight design
- Offers simple targeting for samples with a modern instrument housing design
- Triggers measurements from the device as well as ColorDesigner PLUS paint software
- Eliminates unnecessary power supply cords with a single USB cable

i1 Paint reduces contamination issues that plague many spectrophotometers by measuring with the port facing down and using filtered glass to protect the optical components from damage. It also supports a Kensington security lock to secure the device to the work surface.

Specifications

Aperture	8 mm (0.31")
Communication Interface	USB 1.1
Dimensions (length, width, height)	162 mm x 69 mm x 64 mm (6.4" x 2.7" x 2.5")
Humidity	30 to 85% RH (non-condensing)
Illumination Spot Size	12 mm (0.47")
Image Contact During Measurements	Contact

Instrument Display	No display
Inter-Instrument Agreement	0.4 ΔE_{00}^* average
Light Source	Full spectrum LED
Measurement Geometry	45°:0°
Operating Temperature Range	10°C to 35°C 50°F to 95°F
Photometric Resolution	10 nm intervals
Short Term Repeatability - White	0.1 ΔE_{94}^*
Software Development Kit	Yes
Spectral Analyzer	i1® technology with built-in wavelengths check; Holographic diffraction grating with 128-pixel diode array
Spectral Range	400 -700 nm @ 10 nm
Spectral Reporting	400 -700 nm @ 10 nm
Status Panel	Multi-color LED

Storage Temperature Range	-20° to 50°C -4° to 122°F
Unit Color	Black/Silver
Voltage	Power over USB
Warranty	12 months
Weight	285 g (10.1 oz)
What's Included?	i1 Paint spectrophotometer, calibration plate, USB cable