

Epson® SD-10 Spectrophotometer



Spectrophotometer

SD-10

Elevate your color with a simple color management tool from Epson

Full-featured spectrophotometer — meets industry-standard measurement capabilities: M0, M1e and M2 modes

Easy-to-use, portable design — compact size makes it easy to carry; battery power allows you to perform measurements from virtually anywhere

Standalone operation — built-in LCD display lets you view color measurements quickly

Wireless Bluetooth® connectivity — connect to a mobile device or computer using Bluetooth Low Energy technology

Epson Spectrometer mobile app¹ — versatile mobile app allows for streamlined collaboration and improved workflow

Large aperture for textured surfaces — 7.6 mm aperture measures up to 1.5 times the area covered by similar products, allowing for greater accuracy

Integration with Epson Edge® Print software — directly measure and replace colors within the print workflow; connect via Bluetooth or USB

Build color libraries — use the mobile app to create color palettes, find similar PANTONE® colors and record measurements

Color confidence — use the mobile app to identify whether your Epson printer, media and ICC profile can reproduce a measured color



Spectrophotometer

Spectral Range 400 nm–700 nm
Photometric Range 10 nm (interpolated by software)
Light Source LED (includes UV)
Measurement Modes Spot, Comparison (Spot), Comparison (Scan)
Measurement Conditions
 M0: UV included (ISO 13655:2017)
 M1: D50 (equivalent to 13655:2017)
 M2: UV excluded (ISO 13655:2017)
Measurement Aperture 7.6 mm
Measurement Geometry 45° circumferential/normal geometry (45° c: 0°)
Illuminant D50, D65, A, F1, F2, F3, F7, F8, F9, F10, F11, F12
Observer Angle 2°, 10°
Delta E Methods ΔE 2000, ΔE 1994 Graphic Arts, ΔE 1994 Textiles, ΔE 1976
Memory 100 colors (Spot Mode)
Interinstrument Agreement
 ΔE 2000 Average: 0.4 or less
 ΔE 2000 Maximum: 1.0 or less
 Deviation from SD-10 Manufacturing Standard for 12 BCRA Color Tiles: D50, 2°
 Ambient Temperature: 23° C (73.4° F)
 Humidity: 50%
Short-Term Repeatability
 ΔE 1994: 0.1
 Average of 10 Measurements Every 3 Seconds on White Tile: D50, 2°
 Ambient Temperature: 23° C (73.4° F)
 Humidity: 50%

Spectrophotometer (continued)

Color Difference from BCRA Tile Values
 ΔE 2000 Average: 1.0 or less
 Deviation from the Color Measurement Value for 12 BCRA Color Tiles by a Measuring Instrument Traceable to the National Metrological Standard: D50, 2°
 Ambient Temperature: 23° C (73.4° F)
 Humidity: 50%

General

Connectivity Bluetooth Low Energy 4.0, USB-C (Full-Speed USB 2.0)

Languages English, French, German, Dutch, Italian, Spanish, Portuguese, Turkish, Russian, Simplified Chinese, Traditional Chinese, Korean, Japanese

Battery

Type: Lithium ion
 Capacity: 1,860 mAh

Operating Conditions

Temperature: 32° F–95° F
 Humidity: 5%–85% RH noncondensing

Weight and Dimensions (W x D x H)

Shutter Open 1.38" x 3.15" x 3.15"
Shutter Closed 1.38" x 3.15" x 3.06"
Weight: 6.56 oz

Limited Warranty and Service

2-year limited warranty in the US and Canada

Supported Software

Epson Spectrophotometer mobile app (iOS®, Android™)
 Epson Edge Print Pro

What's in the Box

Epson SD-10 Spectrophotometer, *Start Here* Guide, Protective Travel Case, Wrist Strap, USB-A to USB-C Cable, Certificate of Calibration, Calibration Report, Document Disc CD-ROM

1 Requires Epson Spectrometer app download and compatible mobile device. Data usage fees may apply.

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