

PORTABLE TOOLS FOR PRECISE COLOUR MEASUREMENT ON-THE-GO.



Experience Fast Automated Colour Profiling for Every Print Workflow.

Unlock faster, accurate colour matching with Epson SD-10 Spectrophotometer, designed to outperform traditional analog devices. Featuring 379-patch ICC profiling, it slashes colour management and media setup time. Use it standalone or pair it seamlessly with the Auto Colour Chart Reading Portable Table.



ICC
Profiling



Lightweight
(190g)



Battery
Operated*



Colour
Management

(*Rechargeable battery for SD-10 only.)

ENGINEERED FOR good

Epson Edge Color Lite



Epson
Spectrometer
App

Portable & Convenient

Weighing just 190g, the SD-10 is lightweight and can be easily carried along with the Auto Colour Chart Reading Portable Table anywhere you go.

Colour Consistency

Connect your smart devices to the Auto Colour Chart Reading Portable Table via a USB Type-C connector for seamless colour consistency in all your prints.

User-Friendly Usage

Easily operate the SD-10 on the go as a standalone device, thanks to its intuitive LCD and built-in battery, and pair it with its dedicated Epson Spectrometer App.

SPECIFICATIONS

MODEL NUMBER	SD-10
SKU Number	B41CK17402
Colour Measurement	
Spectroscopic Device	MEMS Fabry-Perot Tunable Filter
Spectral Range	400 – 700nm
Sampling Interval	20nm
Photometric Range	10nm (Interpolation by software)
Measurement Frequency	13 times measurement per second (Scanning Mode)
Measurement Geometry	45° Circumferential / Normal Geometry (45° c : 0°)
Measurement Aperture	Φ7.6mm
Light Source	LED (Including UV)
Measurement Conditions	• M0: Including UV light component, ISO 13655:2017 measurement condition M0 • M1e: D50 - Including UV light component, measurement condition M1 (Measurement conditions held with a radiant power at all wavelengths from 400 to 700nm, and power ratios in the 300 to 400nm and 400 to 500nm regions similar to D50) • M2: Without UV, ISO 13655:2017 measurement condition M2
Illuminants	D50 / D65 / A / F1 / F2 / F3 / F7 / F8 / F9 / F10 / F11 / F12
Observers	2° / 10°
ΔE Methods	ΔE2000 / ΔE1994 (Graphics Arts) / ΔE1994 (Textiles) / ΔE1976
Calibration	White reference built in the sensor cover
Scan Length	400mm
Inter-Instrument Agreement	0.4 or less ΔE00 average 1.0 or less ΔE00 maximum • Deviation from SD-10 manufacturing standard for 12 BCRA colour tiles (D50, 2°) • Ambient temperature 23°C (73.4°F), humidity 50%
Short Term Repeatability	0.1 ΔE00 White, 0.1 ΔE94 White • Average of 10 measurements every 3 sec on white tile (D50, 2°) • Ambient temperature 23°C (73.4°F), humidity 50%
Colour Difference from BCRA Tile	Calibration value 1.0 or less ΔE00 average • Deviation from the colour measurement value for 12 BCRA colour tiles (D50, 2°) by a measuring instrument traceable to the national metrological standard • Ambient temperature 23°C (73.4°F), humidity 50%

Language	
Supported Language	English / French / German / Dutch / Italian / Spanish / Portuguese / Turkish / Russian / Simplified Chinese / Traditional Chinese / Korean / Japanese

Connectivity	
Interfaces	USB Type-C / USB 2.0 Full-Speed / BLE Bluetooth Low Energy
Memory	Number of saved data at stand alone Spot Mode: 100 Colours Comparison Mode: 500 Colours

Environmental Conditions	
Temperature (°C)	Operating: 0°C to 40°C (Spot Mode) / 0°C to 35°C (Scan Mode) Storage: -20°C to 60°C
Humidity	Operating: 5% to 85% (no condensation), Storage: 5% to 85% (no condensation)

Electrical Specifications	
Voltage	5V
Rated Current	0.9A

Battery Specifications	
Battery Type	Lithium ion battery
Battery Capacity	1.860mAh

Compatible Epson Software	Epson Edge Print PRO / Epson Spectrometer App
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Environmental Certifications	WEEE, RoHS
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What's In The Box	Setup Guide*, Storage Case, Strap, USB Type A to C Cable, Certificate of Calibration
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* PDF user guide is provided on the web/CD-ROM of Open-Source software license document.

MODEL NUMBER	Auto Colour Chart Reading Portable Table
SKU Number	B42B900331
Colour Path Size	14mm x 14mm (0.55" x 0.55")
Supported Media Size	329 x 483mm (A3+ / 13" x 19")
Media Thickness	Less than 13mm
Connectivity	
Interfaces	Hi-Speed USB Type-B Connector (PC to Auto Colour Chart Reading Portable Table)
Dimensions & Weight	
Main Unit (L x W x H)	395 x 550 x 128mm
Weight	3.4kg
Carrying Case (L x W x H)	415 x 570 x 145mm
Weight	1.7kg
Environmental Conditions	
Temperature (°C)	Operating: 10°C to 35°C, Storage: -20°C to 40°C
Humidity	5% to 85% (no condensation)
Electrical Specifications	
Rated Voltage	AC 100 – 240V
Rated Frequency	50 – 60Hz
Power Consumption	0.6A – 0.4A
Operating System Requirements	
PC System Requirement	Windows 8.1 or later
Pollution Index	PD2
Water Proof Index	IPX0
Maximum Elevation	Below 2,000m
Environmental Certifications	WEEE, RoHS
What's In The Box	Carrying Case, Shoulder Strap, Setup Guide, Power Cable, USB I/F Cable, CD-ROM (OSS License), Masking Tape

Dimensions & Weight

SD-10
Weight: 190g



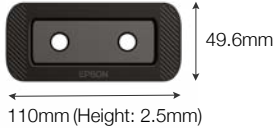
Main Unit Cover (Optional)

Material: Silicon
SKU Code: B42B900101



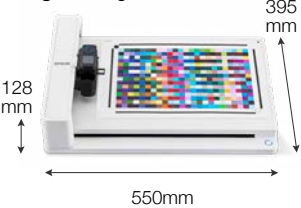
Alignment Guide (Optional)

Material: Black Part (ABS) / Transparent Part (PET)
SKU Code: B42B900201

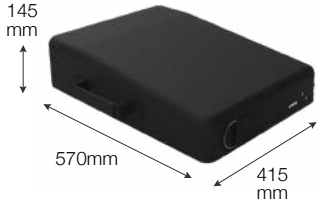


Auto Colour Chart Reading

Portable Table
Weight: 3.4kg



Carrying Case (Included with Main Unit)
Weight: 1.7kg



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Dealer's Stamp