

Specifications of Ci64UV (Portable Spectrophotometer)

Short Term Repeatability - White	.04 ΔE^*ab on white ceramic
Measurement Geometry	d/8°
Inter-Instrument Agreement	0.13 ΔE^*ab avg.
Illumination Spot Size	20mm or 14mm and 6.5mm
Lamp Life	Approx. 500,000 measurements
Light Source	Gas-filled tungsten lamp + UV LEDs*
Measurement Cycle Time	≈ 2 seconds
Measurement Spot	14mm or 8mm and 4mm
Measurement Time	≈ 2 seconds
Photometric Range	0 to 200%
Photometric Resolution	0.01%
Spectral Analyzer	Blue-enhanced silicon photodiodes
Spectral Interval	10nm
Spectral Range	400nm-700nm

愛色麗 彩通®

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Spectral Reporting	10nm
Color Differences	$[\sqrt{X}]$, Δecmc , Δlab , ΔE00 , $\Delta\text{reflectance}$, ΔE94 , ΔXYZ , $\Delta\text{L}^*\text{a}^*\text{b}^*$, ΔY_{xy} , $\Delta\text{L}^*\text{C}^*\text{h}^\circ$, $\Delta\text{L}^*\text{u}^*\text{v}^*$, Verbal Difference
Color Spaces	Lab, $\text{L}^*\text{a}^*\text{b}^*$, Reflectance, $\text{L}^*\text{C}^*\text{h}^\circ$, Munsell Notation, XYZ, Y_{xy} , $\text{L}^*\text{u}^*\text{v}^*$
Illuminants	A, C, D50, D65, F2, F7, F11 & F12
Observers	2° & 10°
Standard Indices	$[\sqrt{X}]$, YI1925, WI Taube, ΔWI73 , Reflectance, WI98, MI, $\Delta\text{reflectance}$, $\Delta\text{WI Berger}$, WI73, MI6172, ΔYI98 , $\Delta\text{WI Hunter}$, Gray Scale, WI Berger, Gloss, ΔYI73 , $\Delta\text{WI Stensby}$, YI98, WI Hunter, ΔYI1925 , $\Delta\text{WI Taube}$, YI73, WI Stensby, ΔWI98 , Averging, 555 Shade Sort
Reflectance Aperture(s)	1 or dual
Humidity	5% to 85%, non-condensing
Operating Temperature Range	50° to 104°F (10° to 40°C)
Storage Temperature Range	-4° to 122°F (-20° to 50°C)
Dimensions (length, width, height)	21.3 cm 9.1 cm 10.9 cm
Weight	1.06 kg

Package Dimensions (length, width, height)	51cm, 20cm, 41cm
Shipped Weight	7kg
Communication Interface	USB 2.0, Bluetooth*
Import/Export Format	CSV
Instrument Display	Backlit Color Graphic LCD
Languages Supported	English, German, French, Spanish, Italian, Portuguese, Chinese Simplified, Chinese Traditional, Korean, and Japanese
Software Development Kit	XDS4
Battery	Li-ion
Battery Life	1000 measurements (non-UV) @ 10 sec intervals
Voltage	100-240VAC 50/60Hz, 12VDC @ 2.5A
Sample/Measurement	4000
Standards	1000
Calibration	White, Zero, UV*

Embedded NetProfiler Support	Yes
NetProfiler Support	Embedded
PantoneLIVE Support	Via software
Pass / Fail	Yes
Sample Preview	Targeting window
Transform Support	Embedded
Warranty	12 months
What's Included?	Instrument with white calibration standard, black trap, green standard, manual(CD), AC adapter, USB cable, carry case, UV cal standard*



*available on Ci64 UV only
 **available in compliant countries only

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