Portable & Handheld Sphere Spectrophotometers

Ci62

Accurate Color Measurement on Complex Materials

With a choice of apertures, the mid-range Ci62 portable sphere spectrophotometer is uniquely suited to ensure accurate color measurement, ideal for quality control on applications with textured materials or printing on metal substrates.

Measure Unique Sample Sizes and Shapes

Available with a 14mm, 8mm, or 4mm* aperture, the Ci62 offers the flexibility to choose the right measurement size for different sample shapes and curvatures, including painted surfaces, molded plastic parts, metallic substrates, and woven textiles.

Monitor and Optimize Instrument Performance

With supported NetProfiler software, the Ci62 provides a complete track and trace process for consistent measurement across multiple devices and locations, allowing users to monitor and optimize instrument performance anywhere in the supply chain.

Simultaneous SPIN/SPEX for Gloss Assessment

Immediately identify variances in color and gloss to ensure accurate color readings or verify visual inspection

Flip Shoe Mechanism

Adds measurement flexibility and makes it easy to reach difficult areas

Software Compatible

Integrates with X-Rite's formulation and quality control software for an end-to-end color solution

Battery	Li-ion
Calibration	White and Zero

Color Differences	[√/X], Δecmc, Δlab, ΔE00, Δreflectance, ΔE94, ΔXYZ, ΔL*a*b Verbal Difference
Color Spaces	Lab, L*a*b*, Reflectance, L*C*h°, Munsell Notation, XYZ, Yx
Communication Interface	USB 2.0, Bluetooth*
Dimensions (length, width, height)	21.3 cm 9.1 cm 10.9 cm
Embedded NetProfiler Support	Yes
Humidity	5% to 85%, non-condensing
Illuminants	A, C, D50, D65, F2, F7, F11 & F12
Illumination Spot Size	20mm or 14mm or 6.5mm
Import/Export Format	CSV
Instrument Display	Backlit Color Graphic LCD
Inter-Instrument Agreement	0.20 ΔE*ab avg.
Lamp Life	Approx. 500,000 measurements
Languages Supported	English, German, French, Spanish, Italian, Portuguese, Chinese S Korean, and Japanese
Light Source	Gas-filled tungsten lamp
Measurement Cycle Time	≈ 2 seconds
Measurement Geometry	d/8°
Measurement Spot	14mm or 8mm or 4mm
Measurement Time	≈ 2 seconds

NetProfiler Support	Embedded
Observers	2° & 10°
Operating Temperature Range	50° to 104°F (10° to 40°C)
Package Dimensions (length, width, height)	51cm, 20cm, 41cm
PantoneLIVE Support	Via software
Pass / Fail	Yes
Photometric Range	0 to 200%
Photometric Resolution	0.01%
Reflectance Aperture(s)	1
Sample/Measurement	4000
Sample Preview	Targeting window
Shipped Weight	'7kg
Short Term Repeatability - White	.05 ΔE*ab on white ceramic
Software Development Kit	XDS4
Spectral Analyzer	Blue-enhanced silicon photodiodes
Spectral Interval	10nm
Spectral Range	400nm-700nm
Spectral Reporting	10nm

Standard Indices	[√/X], YI1925, WI Taube, ΔWI73, Reflectance, WI98, MI, Δrefle... MI6172, ΔYI98, ΔWI Hunter, Gray Scale, WI Berger, Gloss, ΔY... Hunter, ΔYI1925, ΔWI Taube, YI73, WI Stensby, ΔWI98, Averg...
Standards	1000
Storage Temperature Range	'-4° to 122°F (-20° to 50°C)
Transform Support	Embedded
Voltage	100-240VAC 50/60Hz, 12VDC @ 2.5A
Warranty	12 months
Weight	1.06 kg