![x-rite logo] **PANTONE®**

Portable & Handheld Sphere Spectrophotometers

Ci62L+RTL

Simple workflow. Outstanding results.

Finding the right color match to cover unsightly graffiti or paint other outdoor surfaces can be challenging. The Ci62L+RTL handheld sphere spectrophotometer has been specifically

designed for use by anti-graffiti workers and for other activities requiring the painting of outdoor surfaces, such as stucco and concrete. It provides more accurate measurements due to its larger aperture, and smart averaging delivers a faithful representation of color on rough or textured surfaces.

Software capabilities allow for easy storage and retrieval of up to 4,000 samples, as well as comparisons between original walls and repaired areas for quality control. With this capability, the Ci62L+RTL can be used to quickly determine the best match for painting over graffiti, providing the paint color closest to the color of the original wall, and ensuring that the final work meets specifications.

Benefits

- Simple, intuitive user interface and paint matching workflow requires minimal training.
- 14mm measurement area is ideal for accurate measurement of rough or textured surfaces.
- The compare feature allows operators to quickly determine the best area to match.
- Provides data for tracking and quality control to ensure that results comply with specifications; stored samples make it fast and easy to retrieve data for frequently used or standard colors.

The Ci62L+RTL spectrophotometer with ColorDesigner PLUS software is a complete, closed-loop system for determining the best paint mix to cover graffiti or paint other outdoor surfaces. It delivers fast, accurate results that save time and money, reduce rejects and rework, and give operators the confidence to quickly move through their paint matching tasks.

Specifications

Short Term Repeatability - White	.10 ΔE*ab on white ceramic
Measurement Geometry	d/8°
Inter-Instrument Agreement	0.30 ΔE*ab avg.
Illumination Spot Size	14mm
Lamp Life	Approx. 500,000 measurements
Light Source	Gas-filled tungsten lamp

Measurement Cycle Time	≈ 2 seconds
Measurement Spot	8mm
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
Spectral Reporting	10nm
Color Differences	[√/X], Δecmc, Δlab, ΔE00, Δreflectance, ΔE94, ΔXYZ, ΔL*a*b*, ΔYxy, , ΔL*C*h°, ΔL*u*v*, Verbal Difference
Color Spaces	Lab, L*a*b*, Reflectance, L*C*h°, Munsell Notation, XYZ, Yxy, L*u*v*
Illuminants	A, C, D50, D65, F2, F7, F11 & F12
Observers	2° & 10°

Standard Indices	[√/X], YI1925, WI Taube, ΔWI73, Reflectance, WI98, MI, Δreflectance, ΔWI Berger, WI73, MI6172, ΔYI98, ΔWI ł Stensby, YI98, WI Hunter, ΔYI1925, ΔWI Taube, YI73, WI Stensby, ΔWI98, Averging, 555 Shade Sort
Reflectance Aperture(s)	1
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
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 @ 10 sec intervals
Voltage	100-240VAC 50/60Hz, 12VDC @ 2.5A
Sample/Measurement	1000
Standards	4000
Calibration	White and Zero
Embedded NetProfiler Support	Yes
NetProfiler Support	Embedded
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