



CODE **GT2525**
MODEL **CI-62**
OVERALL DIMENSION ... 213 x 109 x 90 mm
POWER Li-ion Battery 7,4 VDC - 2400 mAh
WEIGHT 1,06 K



CODE **GT2526**
MODEL **CI-60**
OVERALL DIMENSION ... 213 x 109 x 90 mm
POWER Li-ion Battery 7,4 VDC - 2400 mAh
WEIGHT 1,06 K



CODE **GT2401**
MODEL **CI-64**
OVERALL DIMENSION ... 213 x 109 x 90 mm
POWER Li-ion Battery 7,4 VDC - 2400 mAh
WEIGHT 1,06 Kg

SPECTROPHOTOMETER CI SERIES

STANDARDS

UNI EN 10545-16

DESCRIPTION

The portable sphere spectrophotometer IC-64 is designed to measure and detect the colour quality in all stages of production. Thanks to the pass / fail indicators, it is the ideal tool for quality control outdoors or in the production plant. With quick comparison, capture colour measurements and quickly compare tolerances without the need for a computer or software. Through the Dynamic User Interface, users can easily modify and configure the interface based on specific processes. Storage of samples directly on the device for quick access to data. Immediate identification of variations in colour and gloss to ensure accurate colour readings or validate visual inspection. Ergonomic design, support base with robust and reliable automatic locking system and operation with standard lithium-ion batteries.

TECHNICAL SPECIFICATIONS

- Calibration: White and Zero, UV*
- Color Differences: $[ΔE]_{CMC}$, $ΔE_{cmc}$, $ΔE_{00}$, $ΔE_{ref}$, $ΔE_{94}$, $ΔXYZ$, $ΔL^*a^*b^*$, $ΔYxy$, $ΔL^*C^*h^*$, $ΔL^*u^*v^*$, Verbal Difference, Power safe
- 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
- Illumination Spot Size: 20 o 14 mm e 6,5 mm
- Import/Export Format: CSV
- Language: English, French, Spanish, Italian, Portuguese, Chinese simplified/traditional, Korean, Japanese
- Inter-Instrument Agreement: 0,40 $ΔE^*ab$ avg. (8 mm)
- Lamp Life: Approx. 500000 measurements
- Light Source: Gas-filled tungsten lamp
- Measurement Cycle Time: approx. 2 seconds
- Measurement Geometry: $d/8^°$
- Measurement Spot: 8 mm
- Observers: $2^°$ & $10^°$
- Operating Temperature Range: $+10^°C$ ÷ $+40^°C$ / Humidity: 5% ÷ 85%, non-condensing
- Pass / Fail: Yes
- Photometric Range: 0 ÷ 200%
- Photometric Resolution: 0,01%
- Reflectance Aperture(s): 1 gr dual
- Sample/Measurement: 4000
- Memory: 1000 Standards with tolerances / 4000 Samples
- Sample Preview: Targeting window
- Short Term Repeatability – White: 10 $ΔE^*ab$ on white ceramic tile
- Software Development Kit: XDS4
- Communication interface: USB 2.0, Bluetooth
- Communication interface: USB 2.0, Bluetooth*
- Spectral Analyzer: Blue-enhanced silicon photodiodes
- Spectral Interval: 10 nm
- Spectral Range: 400 nm ÷ 700nm
- Spectral Reporting: 10 nm
- Standard Indices: Function $[ΔE]_{CMC}$, YI1925, WI Taube, $ΔWI73$, Reflectance, WI98, MI $Δ$ reflectance, $ΔWI$ Berger, WI73, MI6172, $ΔYI98$, $ΔWI$ Hunter, Gray Scale, WI Berger, Gloss, $ΔYI73$, $ΔWI$ Stensby, YI98, WI Hunter, $ΔYI1925$, $ΔWI$ Taube, YI73, WI Stensby, $ΔWI98$, Averaging, 555 Shade Sort
- Transform support: Embedded
- Battery: Li-ion 7,4 VDC - 2400 mAh
- Battery life: 1000 measurements @ 10 sec. intervals
- Charging time: 4 hours about
- Voltage: Power supply 100 ÷ 240 VAC 50 / 60Hz - 12 VDC 2,5 A

EQUIPMENT

- Power adapter
- Instruction manual
- Calibration standards: black trap, white standards