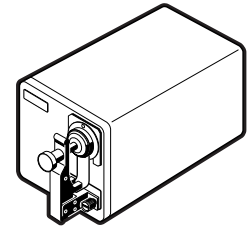


CFS57CA / CF57CA Countertop Spectrophotometer



A Precision Compact Spectrophotometer Designed to Accurately Measure Color Samples at a Countertop

Features

- Compact, rugged, and reliable.
- Consistent, accurate readings.
- Requires minimal shelf space.
- Available in either 45/0 (Model CFS57CA) or d/8° spherical (Model CF57CA) measurement geometry.
- Unique sample holder allows previewing sampled area.
- Easily removable sample holder for measurement of very large or awkward samples.
- Built-in captive white calibration reference. No black calibration reference required.
- Requires only power outlet and a serial communications connection to the host computer.
- Virtually no maintenance required. Just keep it clean.
- No sphere recoating required.
- Includes spectrophotometer, cabling, and user manual.
- Backed by X-Rite one-year limited warranty.
- Flat-rate repair service available after warranty period.

Benefits

- Can be used for quality control.
- Designed for use with X-Rite® software running on a personal computer.
- Greatly simplifies the color measurement process.
- Measures a wide variety of color samples quickly and accurately.
- Sends spectral data to a host computer for color quality control.
- Measures a wide variety of color samples 1/2" or larger including paper, plastic, fabric, painted surfaces and many others.
- Easy to use with minimal training.

Specifications

COLOR MEASUREMENT

CFS57CA – d/8°-2.5" sphere, specular included, specular excluded available. CF57CA – 45/0.

MEASUREMENT TIME

4.0 seconds.

MEASUREMENT AREA

8.0mm.

MEASUREMENT RANGE

0 to 200% reflectance.

SPECTRAL INTERVAL/RANGE

20nm intervals, 400nm to 700nm range.

INTER-INSTRUMENT AGREEMENT*

0.30 ΔE_{ab} avg. BCRA Series II Tile Set.

SHORT-TERM REPEATABILITY*

0.10 max ΔE_{ab} white ceramic, 20 measurements.

LIGHT SOURCE

Pulsed gas filled tungsten, no warm up.

POWER

115/230 VAC, 50-60 Hz.

PHYSICAL DIMENSIONS

5.0" H x 5.75" W x 9.0" L (12.7cm H x 14.6cm W x 22.9cm L), net weight 8.0 lbs.

ENVIRONMENT

Operating: 50°F to 104°F (10°C to 40°C). Storage: -4°F to 122°F (-20°C to 50°C), 85% relative humidity, NC.

CONTROLS

Rear of unit: power switch.

COMMUNICATION INTERFACE

RS-232 serial interface.

INSTALLATION RATING

FCC Class A, UL Listed, CSA Certified, installation type Cat II CE.

* X-Rite standards are traceable to NIST (National Institute of Standards and Technology, USA), Calibration Report MCSL-18, National Research Council Canada, Laboratory For Basic Standards.



xrite.com

ISO 9001
Certified

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