

SPH

Federal Communications Commission Notice

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frRulesoar

CAUTION: Operational hazard exists if battery chargers other than X-Rite SE30-81 (115V) or SE30-77 (100-240V) is used. Use only X-Rite battery pack SP62-79-23, other types may burst causing personal injury.

VORSICHT: Betriebs- und Verletzungsgefahr besteht bei Gebrauch von anderen Adaptern als X-Rite SE30-81 (115 V) oder SE30-77 (100-240 V). Verwenden Sie nur den X-Rite Akkupack SP62-79-23.

ADVERTENCIA: No use otro cargador de las pilas que no sea la pieza X-Rite SE30-81 (115V) o SE30-77 (100-240V), para evitar el riesgo de mal funcionamiento del equipo. Use solamente

CE DECLARATION

Proprietary Notice

The information contained in this manual is derived from patent and proprietary data of X-Rite, Incorporated. This manual has

Unpack and Inspect

After removing the instrument from the shipping carton, inspect it for damage. If any damage has occurred during shipping, immediately contact the transportation company. Do not proceed with installation until the carrier's agent has inspected the damage.

Your instrument was packaged in a specially designed carton to assure against damage. If shipment is necessary, the instrument should be packaged in the original carton. If the original carton is not available, contact X-Rite to have a replacement carton shipped to you.

Install the Battery Pack

The instrument is shipped from the factory with the battery pack removed. The battery pack is located in a carrying case compartment and must be installed before the instrument is used.

1. Hold the shoe next to the instrument housing and lift upward on the spring-loaded latch (*refer to Unlatching the Instrument Shoe*)

Apply Power

The Battery switch—located on the back of the instrument—

3. Plug the adapter into an AC wall receptacle.

User Interface

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What to Expect

When the instrument is powered-up, the Measure Mode screen appears. Measure Mode operation is covered in Section Four. The screen shown below is the main (top level) screen. The left (Th)-5.1

Tab Down key

Advances the highlighted bar (reverse image) to the next available “tab stop.” A “tab stop” indicates an item that can be acted on further, such as a menu item. Tab stops generally follow a left-to-right or top-to-bottom sequence.

Tab Up key

Performs the same function as the Tab Down key except in reverse order. Tab stops follow a right-to-left or bottom-to-top sequence.

Positioning the Instrument on the Reference

The calibration reference consists of a ceramic disk for white calibration measurements and a trap opening for black calibration measurements. The instrument shoe fits snugly in both positions. *Refer below for proper positioning.*

NOTE: Make sure the calibration reference is clean before use.
Refer to the calibration cleaning procedure in Section Six.

White Reading Position

Black Reading Position

INSTRUMENT CALIBRATION

5. Continue with additional measurements if sample averaging is used.



6.



Active Illum/Obs



5. Use the Tab \$@

7. After selections are complete, press the Escape ! key to save and exit.

÷Ecmc Factors

To access the ÷Ecmc Factors:



2. Press the Enter # key to access +E94 Factors options.

+E94 Factors...

Lightness : 2.00

Cleaning the Calibration Reference

The calibration reference consists of a ceramic disk for white

Replacing the Battery Pack

1. Unplug the AC adapter and click the battery switch to Off.
2. Hold the shoe next to the instrument housing and lift upward on the spring-loaded latch. Open the shoe perpendicular to the instrument housing.

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Instrument Specifications

Measurement Geometrics	d/8°, DRS spectral engine, choice of optical aperture: 8mm viewing/12mm illumination
Light Source	Gas-filled tungsten lamp
Illuminant Types	A, C, D50, D55, D65, D75, F2, F7, F11, & F12
Standard Observers (set by RCI)	2° & 10°
Receiver	Blue-enhanced silicon photodiodes

Error Messages

