



Rigs & Jigs

Fixtures and accessories for standardized measurement of product samples

Rigs & Jigs

Consistent and repeatable color measurement is the key to color quality control, but achieving accuracy can be challenging with irregularly shaped products. X-Rite offers a wide array of accessories to help ensure correct measurement of any product, including powders and liquids.

These accessories have been specifically designed for use with our non-contact, sphere and multi-angle spectrophotometers. Our goal is to provide you with the best possible color quality control.



Non-Contact Instruments

Stand Alone Fixtures for VS450

VS450 Adjustable Mounting Stand (P/N VS450-800)

This stand is designed to allow easy and accurate height adjustment of the X-Rite VS450. Accommodates right and left handed users, and can measure samples up to 8 1/8" (20.6 cm) in height. Sturdy construction with rugged anodized base and cradle.



VS450 Non-Contact Instrument Stand (P/N VS450-802)

This stand is used in conjunction with the X-Rite VS450 spectrophotometer and the standard and custom holder accessories for the non-contact measurement of wet, powdered and paste materials that may be transparent, translucent, or opaque.



Items dependent on VS450-802

Spoon Kit (P/N FXT-800-002-BK)

This accessory includes a large spoon holder, small spoon holder, 2.5 ml black *Delrin® spoon, 20 ml black *Delrin® spoon, and stainless steel leveler. This kit is used for the non-contact measurement of powder, paste and liquid materials utilizing the VS450 Non-Contact Instrument Stand.



Replacement Spoons

- (FXT-800-005-BK) 20ml 10 pack
- (FXT-800-006-BK) 2.5ml 10 pack

Petri Dish Holder (FXT-800-003-BK, FXT-800-003-WT)

This accessory includes a Petri dish holder that will accommodate a standard 60 mm x 15 mm Petri dish (Petri dish not included). This kit is used for the non contact measurement of translucent and transparent materials utilizing the VS450 Non Contact Instrument Stand.



- Specifications: (FXT-800-003-BK) Black ceramic: 0.00% - 1.2% reflectance at 400-700nm, high gloss >70%, smooth finish (FXT-800-003-WT) White ceramic: Reflectivity (at 20nm intervals): 400 \geq 67%; 420nm \geq 75%; 440-700 = 85 \pm 3%, 70% gloss \pm 10% at 20°, \pm 0.5% uniformity.

NOTE: Not all standard 60 mm x 15 mm Petri dishes have the same dimensions. Petri dish must be 15 mm (0.650") in height and no larger than 60.32 mm (2.369") in diameter. NOTE: This holder is not intended to be used with the MA9x.

Custom Sample Holder (P/N-800-001)

This accessory is custom made to your specifications for use with the VS450 Non-Contact Instrument Stand.



Accessories for VS450

Leveler (P/N FXT-800-004)

This accessory is used to achieve a smooth and uniform surface of the material in the spoons, Petri dishes, and custom holders where necessary.



Handheld Instruments

Stand Alone Fixture for the MA9x

MA9x Non-Contact Instrument Stand (P/N MA9x-800)

This stand is used in conjunction with the X-Rite MA9x series of multi-angle spectrophotometers and the standard and custom holder accessories, for the non-contact measurement of opaque materials containing affect pigments which vary in color at different angles.

NOTE: This stand allows X-Rite MA9x contact-based instruments to be used in a Non-Contact scenario. The proper use of this stand and its related sample presentation kits will greatly diminish the errors induced by depth variation when making non-contact measurements. However, while use of this stand with proper sample preparation technique can provide very useful relative multi-angle data with good repeatability, the absolute accuracy and color performance of the published MA9x literature must not be expected.



Items dependent on MA9x-800

Spoon Kit (P/N FXT-800-002-BK)

This accessory includes a large spoon holder, small spoon holder, 2.5 ml black *Delrin® spoon, 20 ml black *Delrin® spoon, and stainless steel leveler. This kit is used for the non- contact measurement of power, paste and liquid materials utilizing the MA9X Non-Contact Instrument Stand.

Replacement Spoons

- (FXT-800-005-BK) 20ml 10 pack
- (FXT-800-006-BK) 2.5ml 10 pack



Custom Sample Holder (P/N-800-001)

This accessory is custom made to your specifications for use with the MA9x Non-Contact Instrument Stand.



Accessories for the MA9x

Leveler (P/N FXT-800-004)

This accessory is used to achieve a smooth and uniform surface of the material in the spoons, Petri dishes, and custom holders where necessary.



Stand Alone Fixtures for Ci6x, SP6x, Ci5x, & 962/964

Portable Instrument Stand (P/N SP62-801)

This stand is used in conjunction with the X-Rite Ci6x, SP6x, Ci5x, & 962/964 series of handheld spectrophotometers. This replaces the DRS-80 stand.



Items dependent on SP62-801



Cell Holder for Powder or Liquid (P/N SP62-802)

This accessory is designed to aid in liquid or powder measurement. The fixture works with the Ci6x, SP6x, Ci5x or 962/964 series of handheld spectrophotometers, and needs the Portable Instrument Stand (P/N SP62-801) for proper measurement. If using the DRS-80 stand, order P/N DRS-811.



Liquid Cell Holder (P/N SP62-803)

This accessory is designed to aid in liquid measurement. With the Liquid Cell Holder use the Portable Instrument Stand (P/N SP62-801) for proper measurement with the following series of instruments: Ci6x, SP6x, Ci5x, or 962/964. If using the DRS-80 stand, order P/N DRS-810.



Black Trap (P/N Ci52-804)

This black trap accessory is mandatory for Ci6x and Ci5x Series users who use the instrument in the Portable Instrument Stand P/N SP62-801.

Accessories for the Ci6x Series, SP6x Series, Ci52 & 962/964



Can Holder

The X-Rite Can Holder is designed for measuring standard-size aluminum beverage cans (2.6 inch / 6.604 cm diameter), with a X-Rite portable handheld spectrophotometer.

- P/N DRS-800-026 for Ci6x, SP6x, and Ci5x series
- P/N 968-800-026 for 962, 964



Universal Sample Holder

The X-Rite Sample Holder is designed to hold small, odd-shaped parts for measurement with an X-Rite portable spectrophotometer. This ensures consistent and repeatable color measurement of objects such as cosmetic cases (lipstick and eyeliner), pen bodies and small molded bottles. The fixture also works well for measuring fabric samples that require several folds to achieve opacity.

- P/N DRS-803 for Ci6x, SP6x, and Ci5x series
- P/N 968-803 for 962, 964



V-Block Kit (P/N DRS-802)

The X-Rite DRS-802 V-Block Sample Holder is designed to hold small, odd-shaped parts (.5 inch / 1.27 cm to 1.25 inch / 3.175 cm round) for measurement with an X-Rite Ci6x, SP6x, and Ci5x series spectrophotometers.



Pellet Holder (P/N DRS-801)

The X-Rite Pellet Holder is designed for measuring plastic pellets. It slips over the shoe of the following X-Rite portable spectrophotometer series: Ci6x, SP6x, Ci5x. A plunger applies pressure to hold pellets during measurement, and the holder features a sample reservoir that can be closed to prevent spillage.

Benchtop Instruments

Stand Alone Fixture for the Color i5 & Color i7

Color i7/i5 Vertical Mounting Assembly (P/N A-MA/V57)

This stand is used in conjunction with the X-Rite Color i7 and Color i5 benchtop spectrophotometers. The assembly allows for measurements to be taken vertically, port up.



Color i7 Transmission Sample Holder (P/N Ci7-800)

The Transmission Sample Holder works with the Color i7 benchtop spectrophotometer. The holder has additional accessories available for other measurement options.



Color i5 Transmission Sample Holder (P/N Ci5-802)

The Transmission Sample Holder works with the Color i5 benchtop spectrophotometer. The holder has additional accessories available for other measurement options.



Items dependent on Ci7-800 or Ci5-802



Flow Through Cell Holder (P/N Ci7-801)

When used with the Transmission Sample Holder for the Color i7 (Ci7-800) or the Color i5 (Ci5-802), the Flow Through Cell Holder allows for measurement of liquids housed in a cylindrical cell (cell not included; requires Starna catalog number 31B-Q-0.5).



Transmission Preform Holder (P/N Ci7-802)

When used with the Transmission Sample Holder for the Color i7 (Ci7-800) or the Color i5 (Ci5-802), the Transmission Preform Holder enables transmission measurement of non-opaque preform samples with the Color i7 or Color i5 Benchtop Spectrophotometers.



Accessories for the Color i5 & Color i7



Preform Holder Assembly (P/N Ci5-800)

Enables reflectance measurement of liquid samples in cuvettes the Reflectance Cuvette Holder is compatible with either the Color i7 or the Color i5 Benchtop Spectrophotometer.

Reflectance Cuvette Holder (P/N Ci5-801)

Enables reflectance measurement of liquid samples in cuvettes the Reflectance Cuvette Holder is compatible with either the Color i7 or the Color i5 Benchtop Spectrophotometer. (cells not included; requires Starna Cuvette Cells)

Starna Catalog Numbers:

- Small Aperture Cell – Starna Catalog # 1/G/10
- Large Aperture Cell – Starna Catalog # 93/G/20
- Medium Aperture Cell – Starna Catalog # 96/G/10



Color i7/i5 Glass LAV (GLAV) Aperture (P/N A-AP/GLAV57)

User-installable Large Area of View aperture plate with an embedded glass window (GLAV) compatible with the Color i5 and Color i7. For use with applications requiring specimens to be presented behind glass or for applications that requires the sphere to be protected, preventing inadvertent damage. Color iQC and Color iMatch application software support use of mathematical correction for the presence of glass in measurements. Not to be used for instrument calibration; standard LAV required for calibration.



Sample Arm Toggle Subassembly with embedded white tile (P/N GM29021020)

User-installable replacement Tile/Toggle Subassembly pad that includes an embedded white ceramic backing. Ideal for reflectance measurements that require a white backing, such as textile, plastics or other less than opaque samples. This subassembly is compatible with the Color i5 and Color i7 Benchtop Spectrophotometers. The white ceramic backing is not intended to be used in place of the traceable Ceramic calibration plaque.



Ci5 Orange Juice Holder Assembly (P/N 423891)

The Orange Juice Holder Assembly is compatible with only the Ci5 Benchtop Spectrophotometer



White Test Tube Holder Assembly (P/N Ci5-803)

The White Test Tube Holder Assembly works with the Color i5 or Color i7 Benchtop Spectrophotometers, and is used for reflectance measurement of liquids.



Accessories for the CE7000A

Pressure Arm Subassembly (P/N A-SA/AWB7A)

The Pressure Arm Subassembly with White Backing works exclusively with the CE7000A Benchtop Spectrophotometer.



Thin Film Sample Holder (P/N A-SH/TF7)

The Thin Film Sample Holder works exclusively with the CE7000A Benchtop Spectrophotometer.



Sample Arm Dampener (P/N GM59009000)

The Sample Arm Dampener works exclusively with the CE7000A Benchtop Spectrophotometer.



Accessories for the Ci4200

Cell Holder (P/N Ci4200-802)

This cell holder is specifically designed to aid in liquid or powder measurement when used with a Ci4200 spectrophotometer positioned with the measurement port up. Kit includes cell holder, cap, cell, rubber pad feet and instructions.





X-RITE WORLD HEADQUARTERS

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