

The world's true measure of color

HunterLab

ColorQuest® XE



measure
color
the way your
eye sees it





Using d/8° sphere geometry, the rugged, dependable ColorQuest® XE measures opaque, transparent, and translucent solids and liquids, offering exceptional price-performance value. In the lab or on the production floor, the versatile ColorQuest® XE measures a variety of color values, in every viable color scale in the 400 nm - 700 nm spectrum.

DESIGNED FOR

- Syrups
- powders
- PREFORMS
- Oil
- PELLETS
- TRANSLUCENT
- Solids and Liquids
- detergents
- resins
- pigments
- GLASS
- laminates
- saucers
- acids
- Antifreeze
- ADHESIVES
- sheets
- barium sulfate
- transmission cells
- juices
- panels & plaques
- BEER
- COLORANTS
- all dry chemicals
- FILMS
- plastic plaques
- solvents
- Silica
- Calcium Carbonate
- dyes
- Solids

Rugged

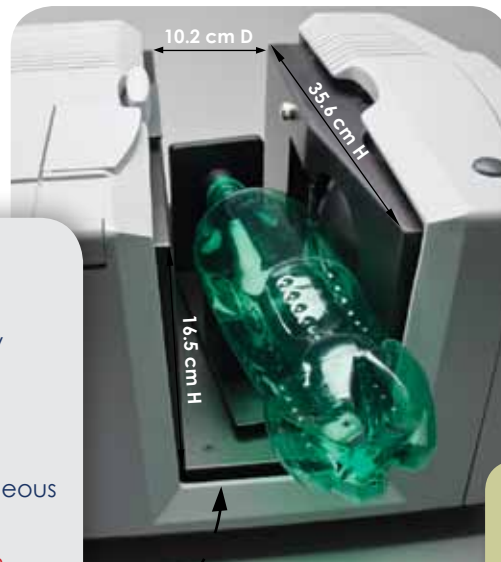
Underneath its sleek exterior lives an electronic assembly, ruggedly built in excess of specification on a rigid optical platform, ensuring years of reliable, accurate service.

- Aircraft grade stainless fasteners
- Solid ½" thick optical platform, eliminating flex factor
- Robust electronic subassemblies



Versatile

In addition to measurement versatility, the ColorQuest® XE has available sample measurement accessories designed to hold virtually any type of solid or liquid sample for accurate and repeatable measurements.



- Designed to measure opaque, transparent, and translucent samples
- Large Area View and Small Area View measurement choices for reflectance
- Specular Included and Specular Excluded measurement choices, with multi-mode function allowing simultaneous readings with single sampling
- Industry-leading oversized transmission measurement compartment, completely open on three sides

Excellent Value

The ColorQuest® XE offers an excellent value providing robust operation and low cost of ownership. The efficient optical configuration delivers high performance with a true monochromator design. Sealed dual beam optics incorporates a diode array detector that allows simultaneous measurement of the sample with real-time reference beam correction for each data point. A long life Xenon lamp provides instant-on high energy illumination for accurate 400 nm to 700 nm measurements in fewer than 2 seconds.

- Sphere geometry enables accurate transmittance measurements on scattering material and turbid solutions
- Provided wavelength calibration check filter and tile
- Double beam optics
- Port insert underside finished to complete sphere geometry

Features

- Measures visible spectrum: 400 nm - 700 nm
- Color measurement of liquids and solids; also transmission haze
- Large transmission compartment open on three sides
- Two reflectance measurement areas of 25 mm (1.00 inch) and 9.5 mm (0.38 inch)
- Automated specular component included/excluded
- Read button for convenient initialization of sample measurement
- Ergonomic sample clamp for supporting a wide range of samples
- Status indicator lights visually indicate selected mode

The HunterLab Advantage

The ColorQuest® XE is backed by over 60 years of quality innovation and experience from HunterLab, the world's most trusted color quality experts.

With an unmatched reputation for delivering the right solution for any challenge, HunterLab tailors products and technologies for every color measurement need and budget offering the broadest range of color measurement solutions in the industry.

For more information go to www.hunterlab.com
or contact your local HunterLab representative.



Accessories



B02-1005-172

Reflectance Shelf Assembly

To use for the reflectance measurement of powders, granules and semi-solids.



13-8573-40
04-4592-00
13-8573-20

Optical Cells

Optically clear glass cells with fixed path length of 10 mm, 20 mm or 50 mm. Sample volume 20 ml, 40 ml and 100 ml respectively. For use with Transmission Spill Tray and Cell Holder.



C02-1005-481

Transmission Cell Holder

To use for placing transmission cells at the transmission port.



D02-1005-172

Transmission Spill Tray and Cell Holder

Permits transmittance measurement of liquids using rectangular transmission cell.



C02-1005-444

Transmission Clamp

Holds transparent film, glass or plastic in position for total or regular transmission measurement.

• Accessories and sample handling fixtures available for every industry application