The world's true measure of color

HunterLab

UltraScan® VIS





measure
color
the way your
eye sees it



The UltraScan® VIS color measurement spectrophotometer measures opaque, transparent, and translucent solids and liquids in

the complete CIE recommended spectral range of 360 – 780 nm,

ensuring no part of the visible spectrum is excluded from the tristimulus calculations.

Its D65 illumination, combined with its ability to measure in the 360 nm range, makes the UltraScan® VIS the first choice for those who measure materials with UV induced fluorescence.

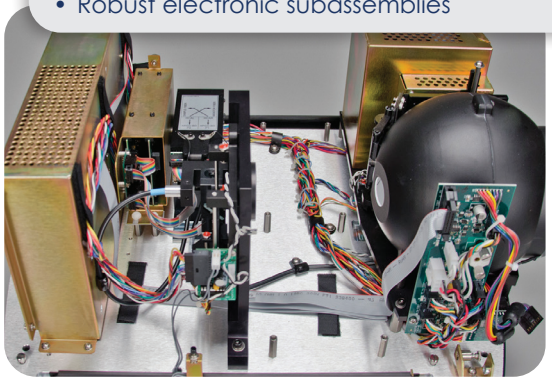
DESIGNED FOR

Paint Chips
loose powders
PREFORMS
Milk
PELLETS
LIP BALM
Opaque Liquids
transparent bottles
LENSES
pigments
GLASS
Fabric
metals
acids
Carpet
YARN
tiles
FIBERS
opaque bottles
juices
panels & plaques
COLORANTS
small quantities of liquids
FILMS
plastic plaques
automotive glass
Silica
Small Plastic Parts
dyes

Reliable

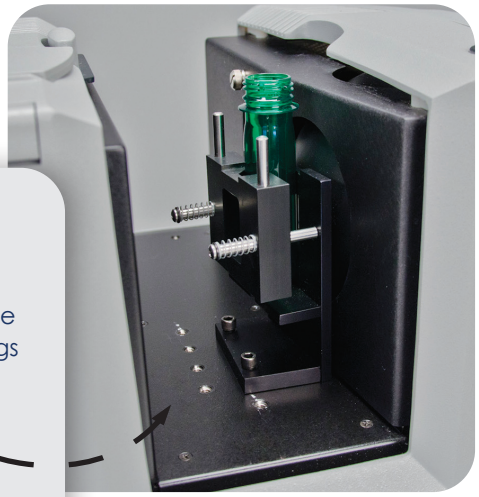
Underneath its sleek exterior lives a mechanical-optical assembly, ruggedly built in excess of specification on a rigid optical platform, ensuring years of reliable, accurate service.

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



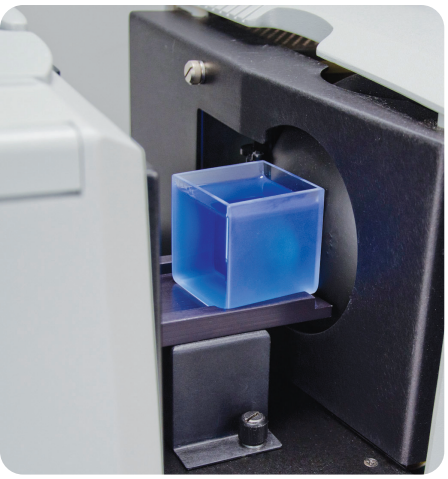
Versatile

The UltraScan® VIS has available sample measurement accessories designed to hold virtually any type of solid or liquid sample for accurate and repeatable measurements.

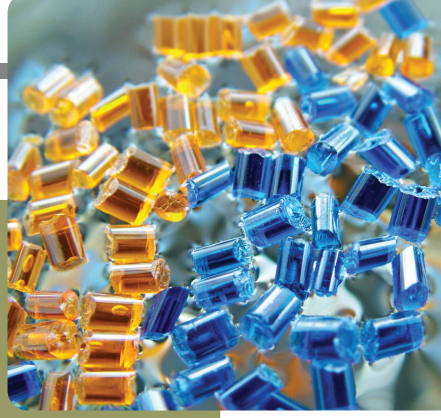


- Measures opaque, transparent, and translucent samples
- Specular Included and Excluded measurement choices, with multi-mode function allowing simultaneous readings with single sampling
- Industry-leading oversized transmision measurement compartment for both regular and total transmission measurements

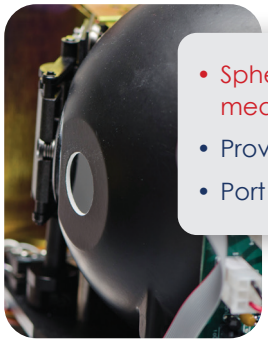
Transmission Compartment:
Open on 3 sides;
10.2 cm D x 35.6 cm W x 16.5 cm H



High Performance Excellent Value



UltraScan® VIS uses sealed double-beam optics with dual diode array detectors that allow simultaneous measurement of the sample with real-time reference beam correction for each data point. A long life Xenon lamp with UV controls provides instant-on high energy illumination for accurate 360 nm to 780 nm measurement in less than 2 seconds. The advanced optical system provides excellent measurement precision even on dark and highly saturated samples. The UltraScan® VIS serves both quality control and research application needs.



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

Features

- Measures full CIE recommended spectral wavelength range of 360 nm to 780 nm
- Color measurement of liquids and solids; also transmission haze
- Large transmission compartment open on three sides
- Automatic specular included/excluded port door for multimode measurement
- Two reflectance measurement areas of 25 mm (1.00 inch) and 9.5 mm (0.38 inch)
- Ergonomic sample clamp for supporting a wide range of samples
- Status indicator lights visually indicate selected mode
- EasyMatch® QC Software included with instrument purchase



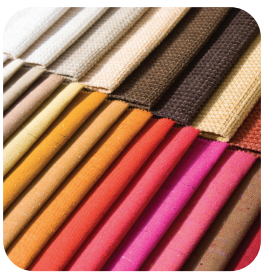
The HunterLab Advantage

The UltraScan® VIS 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 reflactance measurement of powders, granules and semi-solids.



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

Optical Cells

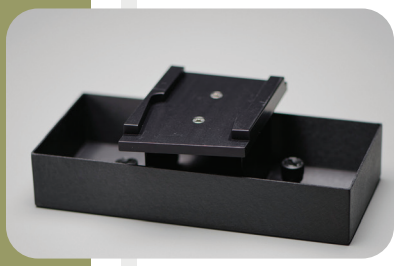
Optically clear glass cells with fixed path length of 10 mm, 20 mm or 50 mm. Sample volume 20 ml, 40 ml and 100 ml respectively. For use with Transmission Spill Tray and Cell Holder.



D02-1020-619

Semi-Micro Powder Holder

Permits the reflected color measurement of as little as 0.4cc of packed powder. Powder is placed in the powder holder and is backed with the white plunger.



D02-1011-568

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**

ISO 9001 Certified; CE Certified
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