

UltraScan® PRO

for...

COATED GLASS



Coated glass offers limitless possibilities as a core structural and design element in architecture because of its beauty and practicality and ensuring color quality and consistency is paramount for coated glass manufacturers. The UltraScan® PRO is the industries reference spectrophotometer for transmitted color and transmission haze measurement of coated glass, ideal for both research and quality control. UltraScan® PRO has an extended wavelength range into the near infrared and near ultraviolet that permits the measurement of coated glass materials and UV blockers. The system uses diffuse/8° geometry with automated specular component inclusion/exclusion. A host of measurement features and specialized sample-handling devices make UltraScan® PRO the most versatile high-performance color measurement spectrophotometer available.

The UltraScan® PRO includes EasyMatch® Quality Control software, providing unprecedented flexibility to process, display, analyze and report color measurement results. The software reports absolute and color difference data in all widely used color scales, for various lighting and observing conditions.



Your reference grade spectrophotometer for measuring coated glass



Measures transmitted color and transmission haze, with automated UV calibration and control



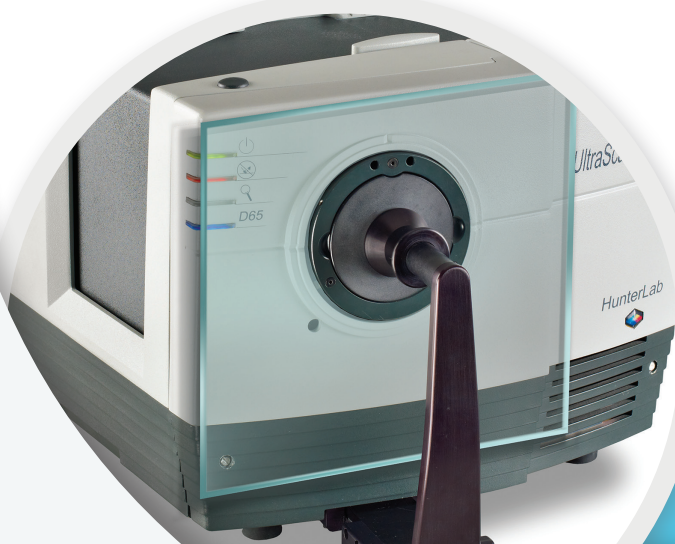
The largest transmission compartment in the industry



Fast, precise and accurate measurements



Includes EasyMatch® QC software



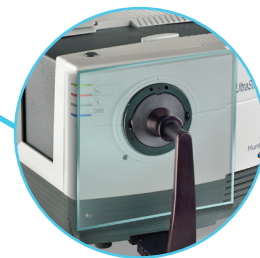
measure
color
the way your
eye sees it

The Best Solution for Color Measurement of Coated Glass



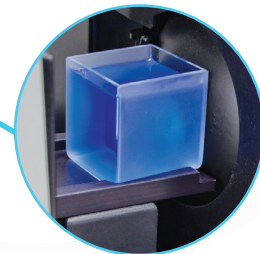
Your reference grade spectrophotometer for measuring coated glass

The UltraScan® PRO is the benchmark reference color measurement spectrophotometer against which all others are compared, making it ideal for demanding research and quality control of the color of coated glass. It has an extended wavelength range into the near infrared and near ultraviolet, from 350 nm to 1050 nm, enabling the measurement of UV blocking characteristics of coated glass. Spectral data is collected every 2 nm and reported for every 5 nm, providing exceptional inter-instrument agreement, precise spectral measurement and unsurpassed long-term stability.



Measures transmitted color and transmission haze, with automated UV calibration and control

UltraScan® PRO uses diffuse/8° geometry with automated specular component inclusion/exclusion and measures both reflectance and transmission. For transmission measurement, its long-life Xenon lamp with automated UV control provides instant-on high energy illumination for accurate 350 nm to 1050 nm measurements.



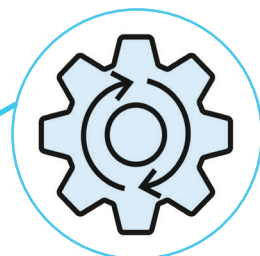
The largest transmission compartment in the industry

The large transmission compartment of UltraScan® PRO is open on three sides, making the measurement of over-sized samples easy and includes a convenient one-touch read button for initiation of sample measurement.



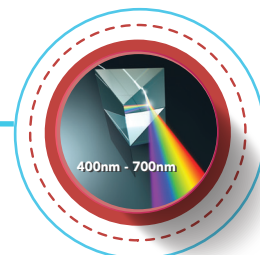
Fast, precise and accurate color and haze measurements

The flash Xenon light source generates virtually no heat, eliminates the effect of ambient light, and requires no warm-up. Measurements over the entire spectral range are made in a matter of seconds. The system also features three sizes of sample measurement areas with automated lens change. Measurement areas include Large Area View (LAV) 25 mm aperture, Small Area View (SAV) 13 mm aperture and X-Small Area View (XSAV) 7 mm aperture.



Includes EasyMatch® QC software

HunterLab's EasyMatch® QC software gives unprecedented flexibility to process, display, analyze and report color measurement results. Color measurement and analysis software reports absolute and color difference data in all widely used color scales, including CIE L* a* b*, CIEDE2000, CIE LcH, Hunter L,a,b and more, for various lighting and observing conditions.



Keys for the successful measurement of Coated Glass

Out of the box, UltraScan® PRO includes everything needed to be successful measuring Coated Glass including:

- Calibrated instrument white tile
- Certificate of traceability
- Black calibration light trap
- Transmittance zero calibration plate
- Green diagnostic tile
- Wavelength diagnostic filter
- Fluorescent standard
- Reflectance sample clamp
- Reflectance sample clamp
- LAV aperture
- SAV aperture
- XSAV aperture
- RS-232C cable
- USB-to-Serial adapter
- Power cord
- EasyMatch® QC software
- EasyMatch® QC basic manual

Optional Accessories

D02-1010-327

Footswitch Assembly

The footswitch is used to initiate sample measurement without the use of hands.

