

Introducing...

The Professional Color Measurement Spectrophotometer



UltraScan[®] PRO

- ◆ Ideal for precise color measurement of liquids and solids; also transmission haze
- ◆ Wavelength range of 350 nm to 1050 nm
- ◆ 5 nm optical resolution
- ◆ Diffuse/8° optical geometry
- ◆ Meets CIE, ASTM and USP guidelines
- ◆ D65 sample illumination with calibrated and controlled UV
- ◆ Three sample measurement areas of 0.75 inch (19mm), 0.35 inch (9mm) and 0.16 inch (4mm)
- ◆ Fully automated specular component included/excluded, UV control and multiple viewing areas

New UltraScan[®] PRO- The Professional Color Measurement Spectrophotometer

The UltraScan PRO measures both reflected and transmitted color as well as transmission haze and meets CIE, ASTM and USP guidelines for accurate color measurement. The instrument's 5nm optical resolution enables it to precisely measure colors with sharp cutoff characteristics. Its D65 illumination source is calibrated in the ultraviolet for the accurate measurement of fluorescent whitening agents.

Having an extended measurement range into the near infrared and near ultraviolet permits the measurement of camouflage materials and UV blockers. UltraScan PRO uses diffuse/8° geometry with automated specular component inclusion/exclusion. It also features three sizes of sample measurement areas with automated lens change.

Standard Features

- Diffuse/8° geometry with automated specular inclusion/exclusion
- Wavelength range of 350-1050nm with 5nm optical resolution
- D65 source illumination calibrated and controlled in the UV
- Sample measurement areas of 0.75inch (19mm), 0.35inch (9mm) and 0.16inch (4mm)
- Retroviewer for viewing position of small area samples
- Transmittance path lengths up to 80mm
- Large transmission compartment open on three sides
- Read button for convenient start of sample measurement
- Status indicator lights visually indicate selected mode

Optional Features

- Reflectance Shelf to measure the color of non-solid materials such as powders, pellets, granules and pastes
- Compression Cell Holder for compressing fibers for repeatable measurements
- Transmission Cell Holder for transmission cells up to 80mm path length
- Plastic Preform Holders permit transmission or reflection measurement of plastic preforms
- Semi-Micro transmission and reflection holders for measurement of small sample volumes
- Thin film transmission holder for measurement of films
- Transmission Flow-Cell for continuous measurement of fluids
- Numerous custom sample handling devices

For more information, please contact HunterLab at 703-471-6870, sales@hunterlab.com or visit www.hunterlab.com