

# Introducing...

## Transmission Color Measurement for an On-Line Environment



## ColorQuest<sup>®</sup> OL

- ◆ On-line transmission color measurement of sheet and film
- ◆ Precision and sensitivity at an economical price
- ◆ Can be connected to a PC, network, or PLC
- ◆ Easy-to-Read, LCD touch screen simplifies operation
- ◆ Continuous real-time measurement
- ◆ Software easily customized for specific applications
- ◆ Robust design for plant environments

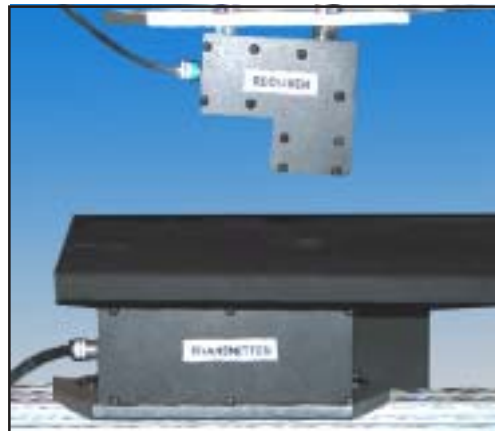
# New ColorQuest<sup>®</sup> OL

## On-Line Transmission Color Measurement System

The ColorQuest OL is a non-contact spectrophotometer designed for the on-line measurement of transmitted color. It is ideal for the continuous measurement of transparent films and sheet. The system can be configured with a built-in touch screen display. Prompts appearing on the display are simply touched with a finger to initiate dedicated product set-up and measurement applets. This allows the operator to use the system without the need for a PC. Data can be output in analog form or digital form for plant wide networking.

For installations where the unit is not easily accessible a remote touch screen display is available and if desired, the system can also be used with a PC.

The ColorQuest OL is comprised of a signal conditioning unit, source sensor head, and receiver sensor head mounted on a support structure. Fiber optic bundles are used to transport the illuminating and detected energy to and from the measurement area.



### Standard Features

- Illuminant/Observer: D65/10°, C/2°
- Color Scales: CIE L\*a\*b\*, Hunter Lab, Yxy, XYZ and their difference plus DE\*, DE
- Indices: ASTM E 313 Yellowness, Y Transmission
- NEMA 4x enclosure provides protection from corrosion, dust and water

### Specifications

- Optical System: Dual Beam Spectrophotometer with collimated light source
- Spectral Range: 400-700nm
- Wavelength Interval: 10nm
- Effective Bandwidth: 10nm equivalent triangular
- Light Source: Pulsed xenon lamp
- Lamp Life: > 1billion flashes
- Illuminated/viewed area: 35mm/25mm (1.38" x 1.00")
- Measurement interval: < 3 seconds
- Power input: 100-240VAC, 47-63HZ
- Receiver to transmitter distance 5.1cm- 25.4cm (2"-10")

For more information, please contact HunterLab at 703-471-6870, [sales@hunterlab.com](mailto:sales@hunterlab.com) or visit [www.hunterlab.com](http://www.hunterlab.com)  
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