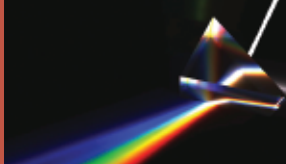


400™



Bench-Top

Spectrophotometer

The Datacolor 400™ is the right choice for applications where reflectance is measured exclusively. Based on the same superior optical design as other instruments in the line, the Datacolor 400™ features an auto-zoom lens for reliable and accurate measurements.

Specifications	400™
Instrument Type	Dual-beam d/8° spectrophotometer
Illumination Source	Pulsed xenon filtered to approximate D65
Sphere Diameter	152 mm / 6.0 in
Specular Analyzer	Proprietary SP2000 analyzer with dual 256 diode array and high resolution holographic grating
Transmittance	No
Wavelength Range	360 nm to 700 nm
Photometric Range	0 to 200%
20 Read Repeatability	0.03 (max DE CIELAB)
Inter-instrument Agreement - Reflectance	0.30 (max DE CIELAB) 0.15 (avg DE CIELAB)
Inter-instrument Agreement - Regular Transmittance at 550 nm	Not Available
Inter-instrument Agreement - Transmission Haze Measurements	Not Available
Aperture plates for reflection measurements	3 standard (LAV, SAV, USAV) 1 optional (XUSAV)
Transmission Sampling Aperture Size	Not Available
Vertical Mount	Optional



400™

- Excellent performance at an economical price.
- Automated zoom lens and specular port.
- Excellent inter-instrument agreement with optional capability to handle fluorescent measurements.
- Multiple viewing apertures.