

Sensible
Reliability



Datacolor 400®



**Reliable, Cost-Effective Color
Measurement**

- Superior Inter-Instrument Agreement
- Exceptional Dark End Stability
- Automated zoom lens and specular port (SCI/SCE)
- Optional Automated UV Control
- Automatic gloss compensation
- Easy maintenance

400[®] BENCH-TOP SPECTROPHOTOMETER

In over 63 countries, the Datacolor 400 spectrophotometer has been chosen by the world's leading manufacturers and brands to formulate and control critical color.

FEATURES

- Superior performance at an economical price
- State-of-the-art SP2000 spectral technology
- Superior Dark End Stability
- Automated zoom lens and specular port (SCI/SCE)
- Optional automated UV control for measuring fluorescent material
- Multiple viewing apertures
- LED Status Lights
- Shared design and mastering with Datacolor 600 reference instrument



Datacolor Spectrophotometers, when combined with Datacolor Tools and Datacolor Match software, provide industry-leading performance and reliability for mission-critical color QC and Matching duties.

FEATURES COMPARISON

FEATURES COMPARISON	DATACOLOR 400 [®]
Instrument Type	Dual-beam d/8° spectrophotometer
Illumination Source	Pulsed xenon filtered to approximate D65
Sphere Diameter	152 mm / 6.0 in
Specular Port	Automated included or excluded
Specular Analyzer	Proprietary SP2000 analyzer with dual 256 diode array and high resolution holographic grating
Wavelength Range	360 nm to 700 nm, reporting at 10 nm intervals
Reporting Interval	10 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)
Lens	3 position auto zoom
Aperture plates for reflection measurements	3 standard (LAV, SAV, USAV) 1 optional (XUSAV)
Automatic UV Control	Optional - Automatic UV calibration with UV cutoff filters at 400 nm, 420 nm

WORK FLOW	 Design	 Photo	 Cosmetics	 Packaging	 Ink	 Home Entertainment	 Automotive	 Plastics	 Paint & Coatings	 Textile	 Retail Paint
Create/Design											
Specify											
Formulate and Produce											
Quality Control											

For more information, please visit www.datacolor.com

STANDALONE SYSTEM REQUIREMENTS

CRT or LCD monitor, Pentium 3 or higher with Serial or USB connection available, CD Reader, Windows[®] 2000 or XP Pro

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