Compact Affordability

























Rugged, Dependable **Color Measurement**

- Affordable, Full-range Spectrophotometer
- Best Spectrometer in its class -SP2000
- Automated specular port (SCI/SCE)
- Small Enough to Fit in Any Workspace
- · Automatic gloss compensation
- · Easy maintenance

With the state-of-the-art Datacolor 110® your customer's vision becomes reality - reliably and economically.

FEATURES

- Dependable performance at an affordable price
- State-of-the-art SP2000 spectral technology
- 256 dual diode array provides phenomenal spectral resolution
- Superior Dark End Stability
- Automated specular port (SCI/SCE)
- Small footprint single aperture device for easy use
- · Three aperture sizes available
- Shared mastering with Datacolor 600 reference instrument for reliable supply chain performance



The compact 110 is one of the most powerful, versatile and affordable compact spectrophotometers you can buy. The 110 offers close inter-instrument agreement to the Reference-Grade Datacolor 600 Spectrophotometer, which is used by the world's leading Colorant manufacturers to formulate and control critical color.

| HARDWARE SPECIFICATIONS | DATACOLOR 110® | | | | | |
|-----------------------------|--|--|--|--|--|--|
| Instrument Type | Dual-beam d/8° spectrophotometer | | | | | |
| Illumination Source | Pulsed xenon filtered to approximate D65 | | | | | |
| Sphere Diameter | 51 mm / 2.0 in | | | | | |
| Specular Port | Automated included or excluded | | | | | |
| Specular Analyzer | Proprietary SP2000 analyzer with dual 256 diode array and high resolution holographic grating | | | | | |
| Wavelength Range | 400 nm to 700 nm, reporting at 10 nm intervals | | | | | |
| Reporting Interval | 10 nm | | | | | |
| Photometric Range | 0 to 200% | | | | | |
| 20 Read Repeatability* | 0.05 (max DE CIELAB) | | | | | |
| Inter-instrument Agreement* | 0.20 (avg DE CIELAB) | | | | | |
| Lens | 3 position auto zoom | | | | | |
| Single Aperture models | LAV (22 mm), SAV (9 mm) & USAV (6.5 mm) | | | | | |

^{*} Specification based on the following environmental conditions: 20* C; 50% RH; 2 sigma

| 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, XP Pro or Windows 7

