

# The Perfect Entry-Level Color Measurement System



## ColorFlex<sup>®</sup>

- ◆ Develop color standards and tolerances
- ◆ QC testing of incoming raw materials through finished product
- ◆ Monitor product color throughout the production process
- ◆ Measures a wide variety of samples – powders, pellets, pastes, or solid materials
- ◆ Compatible with EasyMatch<sup>®</sup> software for color formulation of textiles and coatings

## ColorFlex® - The Complete Color Measurement Solution

ColorFlex® is the most flexible, fully self-contained color measurement system on the market today. Unlike other systems that require an external computer, ColorFlex features built-in software designed for both novice and experienced users alike. Designed to tackle a variety of color measurement problems from the basic to the sophisticated, ColorFlex adapts to your needs. With a variety of sample-handling accessories, plus compatibility with our easy-to-use Windows®-based software, your color measurement system investment is preserved for years to come.

With its port-up or port-forward measurement orientations, ColorFlex is ideal for measuring powders, pastes, and opaque or translucent solid materials. The built-in quality control software is well suited to a variety of industries such as food, plastics, coatings, inks, or textiles. Dual beam xenon flash technology plus a choice of diffuse/8° or 45°/0° optical geometry assures accurate measurements based on your application and sample type.

Sample-Handling Accessories		
Option	Usage	Part Number
Ring and Disk Set	For measurement of liquids, pastes, solids, or powders	02-4579-00
Extra Sample Cup		04-7209-00
Hard Traveling Case	For transporting ColorFlex® to the field or to another site; includes space for standards and power supply/battery	D02-1010-619
Glass-Covered Port Adapter, 1"	For samples requiring uniform measurement surface; protects instrument from contamination	02-6624-01
Sample Clamp/Port Forward Stand	For holding samples that may bend, or that require constant backing pressure	D02-1010-459
Printer Kit	For generating hard copy of measurements or plots from ColorFlex® display; includes printer, cable, 1 spare ribbon and 1 spare roll of paper	L01-1010-678(110V) L01-1010-679(220V)
Foot Switch	For hands-free triggering of measurements	D02-1010-327
Barcode Reader	For reading barcoded sample names	D02-1010-715

Product Specifications	
Port Size:	31.8 mm (45°/0°) 14.3 mm (diffuse/8°)
Reproducibility:	0.15 (Avg. DE* on BCRA II tile set)
Spectral Range:	400 – 700 nm
Spectral Resolution:	10 nm
Spectral Bandpass:	< 12 nm
Photometric:	0 – 150%
Lamp Life:	> 500,000 flashes
Display (cm):	6.4 x 6.4 LCD
Color Spaces:	CIE XYZ CIE L* a* b*, CIE L*, c*, h* Hunter L, a, b
Indices:	ΔE*, ΔE, ΔE <sub>cmc</sub> Whiteness, Yellowness, Metamerism, Tint, Brightness ISO GrayScale, GrayStain
Illuminants:	A, C, D65, TL84, F 2 & 10 Degree Observers
Approximate Size:	36 cm (depth) x 13 cm (width) x 16 cm (height)
Weight:	4.5 kg

### HunterLab – providing color measurement solutions worldwide.

Dedicated to worldwide support through local representation, HunterLab provides over 50 years of experience to meet the color measurement needs of customers in 68 countries. We offer the industry's most comprehensive set of end-to-end solutions – an integrated package of resources, from the complete array of instrumentation, software, and support services to training, education and decades of know-how.

For more information, call HunterLab today at 1-703-471-6870. Or visit our Web site at [www.hunterlab.com](http://www.hunterlab.com)

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ISO 9001 Certified

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