

Measure Color... Measure Quality



- ◆ For pharmaceutical research and quality control
- ◆ Measure reflected color of opaque solids and powders
- ◆ Measure transmitted color, yellowness and APHA of solutions and syrups
- ◆ Customized IQ/OQ/PQ protocols available
- ◆ Available with 21 CFR Part 11 Compliant Software

Color Measurement for the Pharmaceutical Industry

HunterLab color measurement systems are used for research and the color quality control of a wide range of pharmaceutical products. Color is used to visually differentiate between various medications, to indicate test results on dip strips, and is frequently used in brand identity. For white powders or colorless solutions, yellowness can be an indicator of degradation and loss of potency.

Measuring the color of pharmaceutical products can be a challenge. They are in many forms including powders, solids (tablets, caplets, capsules, gels), creams, as well as syrups and other liquids. They can be opaque, translucent and transparent. There may only be a small amount to measure or the sample may be small in physical size. They may also be in sealed vials. HunterLab is expert in developing and providing instrumentation, sample handling devices and procedures for the color measurement of these difficult products. We can even create IQ/OQ/PQ protocols for you.

Color Measurement for the Pharmaceutical Industry

		SAMPLE TYPE										ATTRIBUTE			
		Caplets	Capsules	Creams	Dip Strips	Gels	Injectables	Powders	Solutions	Syrups	Tablets	Reflected Color	Reflected Whiteness / Yellowness	Transmitted Color	Transmitted Achromaticity
BENCHTOP	UltraScan [®] PRO	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
	ColorQuest [®] XE	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
	ColorQuest [®] XT				▼	▼		▼	▼			▼	▼		
	LabScan [®] XE	▼	▼	▼	▼			▼		▼	▼	▼			
	ColorFlex [®]			▼				▼			▼	▼			
PORTABLE	MiniScan [®] XE Plus			▼				▼		▼	▼				
SOFTWARE	EasyMatch [®] QC	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼



UltraScan[®] PRO

Our best instrument for reflectance and transmittance color measurement. Ideal for transmission measurement of clear solutions.



LabScan[®] XE

Our best instrument for measuring the reflected color of opaque samples. Ideal for powders, capsules, caplets, dip strips.



ColorQuest[®] XT

For the transmitted color measurement of transparent samples, self contained with a touch screen display.



ColorFlex[®]

A low-cost, self contained instrument for measuring the reflected color of opaque samples such as powders.



MiniScan[®] XE Plus

A portable color measurement system for measuring reflected color.



ColorQuest[®] XE

A color measurement system that measures reflectance and transmittance.

HunterLab, Measure Color...Measure Quality - providing color quality measurement systems worldwide.

Dedicated to worldwide support through local representation, HunterLab provides over 50 years of experience to meet the color measurement needs of customers in 70 countries. We offer the industry's most comprehensive set of end-to-end solutions - 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

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