



MPC Color Handheld Visual Spectrophotometer

Quick Color Evaluation for Lube Varnish Testing

MPC Color allows real time on- site determination of present condition of your rotating equipment through the use of color range testing of solid surfaces and liquids. The technology has been customized for Fluitec to provide lubricant varnish potential testing, when used in combination with the MPC Patch or suitable laboratory equipment. Data results are captured and stored in text and audio captions for quick analysis. The MPC Color packs tremendous science into an unassuming, convenient and extremely accurate package.



Highlights of the MPC Color include:

- Optimized for performing the Membrane Patch Colorimetry (MPC) test

- Produces results in 1.8 seconds
- Captures spectra and computes results in .pdf and .csv format for easy downloading and reporting.

Features:

- A surface preview capability with built-in calibration tile
- Enough memory to store data for up to 350 samples and 20 standards.
- Connects to your PC via USB connection for ease of data transfer and charging.
- Reports color values in CIE ΔE which are current ASTM Standard method.
- Includes trend results software called CapSure®

- It provides repeatable and stable measurements that are not affected by surface irregularities.
- A light weight hand held device for ease of testing in plant and remotely
- User's manual includes a detailed section on interpreting results which is invaluable.
- Has independent tri-directional 25 LED light source with 8 different visible illuminations



Technical Specifications:

Measuring Geometrics:	45/0 Image Capture	Display:	4.5cm Color TFT
Light Source:	Independent tri-directional 25 LED (8* visible wavelengths; 1* UV)	Data Interface:	USB (Mass Storage Device)
Illuminant/Observer:	D65/10 and A/10	Operating Temp:	0° to 40°C (50° to 104°F)
Standards/Sample Storage:	20/350	Storage temp:	-20° to 60°C (-4° to 140°F)
Measurement time:	1.8 seconds	Humidity Range:	20- 80% RH (non-condensing)
Measuring Area:	4 & 8 mm	Usage:	Indoor use only
Short Term Repeatability:	Typical 0.10 DE 94 on white (D65/10)	Altitude:	2000m
		Pollution	Degree: 2
		Transient Overvoltage:	Category II

“The MPC Color is fast and precise with a sleek, polished finish. I appreciate all the thought and effort that went into its design.” – Eric Ambrose, Insight Services.

Contents Include:

- MPC Color spectrophotometer
- Protective carrying case
- Software and manuals on CD-ROM
- USB interface cable
- Quick Start Guide



About Us

Fluitec International currently has technology deployed in over 100 countries spanning five continents.

Fluitec provides our customers and partners leading edge technologies and knowledge to realize optimum reliability and productivity on their plants. Our holistic approach maximizes the life cycle of rotating and hydraulic systems in an environmentally sustainable way.

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