

iLab 475

Handheld Visual Spectrometer

Quick Color Evaluation of Liquids and Solids

The iLab 475 allows real time and on site color determination of solid surfaces and liquids. The technology has been customized for Fluitec to provide lubricant varnish potential testing, when used in combination with the Reveal Patch Test Kit or suitable laboratory equipment. The iLab packs tremendous science into an unassuming, convenient and extremely accurate package. Highlights of the iLab 475 include:

- Optimized for performing the Membrane Patch Colorimetry (MPC) test
- Captures spectra and computes results for easy downloading and reporting
- It is conveniently powered by three AA batteries
- Connects to your PC via USB connection to transfer data and methods
- Reports color values in CIE LAB ΔE values (current method in the draft ASTM MPC procedure).
- DATALOGGER software for your PC can trend results
- User manual includes a detailed section on interpreting MPC results - an invaluable tool to help understand the impact of fluid degradation and varnish formation in a range of industries.



iLab 475 Features

Wavelength range:	400 to 700 nm (visible)
Scan time:	User-selectable, from 30 msec
Resolution:	2 nm
Display:	Backlit LCD
Source lamp:	Solid-state, balanced LED
Output:	Bi-directional USB
Battery:	Three AA
Weight:	8.2 oz

The iLab 475 also includes:

- Liquid Sampling Head
- Surface Sampling Head
- Carrying Case
- Screwdriver
- Calibration Certificate
- iLab Datalog Software

