

Liquid Color

LCM IV

The LCM IV is a reliable color instrument which replaces conventional visual color evaluation with an objective measurement. It is ideal for routine production control of clear, transparent liquids like resins, adhesives and solvents.

- Large 7" touch-screen display with intuitive user guidance for simple operation
- Automatic cuvette detection – avoids faulty data measurement
- Works with 10 and 50 mm rectangle as well as 11 mm round cuvettes for optimum precision
- Easy to exchange rectangular cell compartment
- Gardner, Hazen (APHA/PtCo), Iodine, Saybolt and Mineral Oil scales come standard with instrument
- Reference beam design to maximize the accuracy and precision
- Front USB interface for PC or printer connection
- Easy data transfer into existing networks through integrated Ethernet (LAN) interface



Standards

ASTM	D 156, D 1045, D 1209, D 1544, D 1500
DIN	6162
ISO	4630, 6271, 2049

Ordering Information

Cat. No.	Description
9561	LCM IV

Comes complete with:

Instrument with dust cover
External power supply
Adapter for 10 mm rectangle cuvettes
addista® – color standards
Disposable plastic cuvettes (10x50 mm) – pack of 10
Disposable glass cuvettes (11 mm) – pack of 10
Operating manual



170 Shields Court Unit 2
Markham, ON L3R 9T5
TEL: (905) 475-5880 ext. 226
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Technical Specifications

Voltage	110 – 240 V / 50/60 Hz
Type	Single-beam photometer with reference beam path
Spectral Range	380 to 720; 10 nm resolution
Repeatability	± 2 Hazen ¹ ; ± 0.1 Gardner ²
Reproducibility³	± 0.3 Iodine, ± 5 Hazen, ± 0.3 Gardner
Light Source	Tungsten Halogen Lamp
Illuminant/Observer	C / 2
Indices	Hazen/APHA (0 – 1000); Gardner (0 - 18); Iodine (0 – 120); Saybolt (-16-30); Mineral oil (ASTM D 1500) 0 - 8
Memory	400 color measurements
Data Export	*.csv file to USB memory stick or Ethernet
Interface	2x USB Type A; 1x USB Type B; 1x Ethernet
Temperature	10 to 40°C (50 to 104 °F)
Humidity	up to 80%, 35°C (95°F); non condensing
Dimensions	151 x 350 x 250 mm (5.9 x 13.7 x 9.8 in.)
Weight	4.2 kg (9.25 lbs)

¹ Based on data with 11 mm cuvette

² Based on data with 50 mm cuvette

³ Based on data with 50 mm cuvette for Hazen and 11 mm cuvette for Iodine and Gardner