

PRODUCT INFORMATION

LABORATORY ANALYSIS
COLOUR MEASUREMENT
LICO 150



**IODINE
PT/CO
SAYBOLT
GARDNER
ASTM D 1500**

LICO 150: measures five colour scales on-site

- **Simple: large touchscreen with intuitive user guidance**
- **Error-safe: reference beam technology and cuvette identification**
- **Reliable: automatic calibration reminder and self-testing**
- **Portable: optional battery allows the colorimeter to be used anywhere**

Assured colour quality in production environments

Reproducible colour values are an important factor in quality assurance, e.g. dye, paint industries and the petrochemical sector. LICO 150 is a portable colorimeter. Its high quality optical system ensures exact and reproducible measured values. Once a value has been measured on site, it can be called up at any time in all five ISO/ASTM colour scales.

Performs well even in difficult conditions

The colorimeter is designed to offer maximum handling in production environments. With intuitive input via a touchscreen, calibration memory for every type of cuvette, and data storage capacity for 200 measurements. LICO 150 can be fitted with a powerful lithium battery for on-site use.



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Technical data



Quick and reliable results

Measurement in an open compartment, automatic cuvette identification and an optimised beam path mean that the result can be read off the screen after just 10 seconds.



Easy to operate

LICO 150 is operated intuitively and directly through the high resolution touchscreen. Menu guidance using full text and symbols makes it simpler than ever.

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LICO 150 COLORIMETER

Article no.	LVM186.99.00001
Operating mode	Colour measurement of optically clear liquids
Colour value system	DIN 6162 iodine colour value ISO 6271 Pt/CO- (Hazen, APHA) colour value ISO 4630 Gardner colour value ASTM D 1209 Saybolt colour value ASTM D 1500 Mineral oil colour value
Wavelength range	400–700 nm in 20 nm steps
Photometric accuracy	5 mAbs from 0.0 to 0.5 Abs; 1 % at 0.5 to 2.0 Abs
Beam path	Halogen lamp 6 V / 10 W, reference beam technology
Cuvette sizes	11 mm round, 10 mm and 50 mm rectangular
Cuvette identification	Automatic with calibration memory
Display	High resolution 5.7 inch LCD touchscreen (320 × 240 pixel)
Data storage	200 measured colour values
Ports	1 × USB type A for memory stick, printer, keyboard, barcode scanner 1 × USB type B for PC
Ingress protection rating	IP 41
Power requirement	100–240 V, 47–63 Hz, 30 VA with quick release adapter for EU, GB, US, China
Battery (optional)	Lithium, 11 V, 4,400 mAh, 300 g, for at least 300 measurements in 8 hours
Dimensions, weight	(W × H × D) 220 × 135 × 330 mm; 4 kg

Subject to change.

OPTIONAL ACCESSORIES

Starter kit (ADDISTA color test solution set + 10 plastic cuvettes (50 × 10 mm, with cap) + 10 glass cuvettes (11 mm, round))	LZM354
Test filter set for scattered light, absorbance and wavelength test	LZM363
Certified ADDISTA color test solution set	LZM282
Disposable glass cuvettes (11 mm, round), 500/pkg	LZY621
Disposable plastic cuvettes (50 × 10 mm, rectangular), 50/pkg	LZM130
Lithium battery	LZV551
USB barcode scanner	LZV566
USB memory stick	LZV568
USB keyboard (keyboard layout: US)	LZV582
DATATRANS PC software, including USB cable	LZY274

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