

## LUMISO EXPERT

A robust multi-parameter photometer with an extensive range of testing parameters, for those needing to perform testing of drinking and wastewater and obtain accurate and reliable results.



### Technical Specification

Instrument Type	Multiparameter Photometer
Wavelengths	430 nm, 465 nm, 530 nm, 575 nm, 620 nm
Peak Wavelengths	±2nm
Accuracy	+/-1%T
Display	Full Colour TFT - 16:9 ratio screen, resolution 800 x 480 pixels
User Interface	PCAP touch panel
Size (W x L x H) and Weight	211mm x 195mm x 52mm, 850g
IP Rating and Standards	IP67
Power Supply	6 x AA 1.5V Batteries or Standalone USB
Connectivity	Via Windows App (USB) or Mobile App (QR Code)
Memory Capacity	Access 1,000 results via device's screen
Battery Life	5,000 tests from a set of batteries
Certifications	EN61326, EN61010, IP67 and EN60068-2-78

### Features

-  **Robust construction** - Impact tested to IK08 as part of EN61010. Scratch and chemical resistant coating
-  **IP67 waterproof design** - Designed for use in wet and humid environments
-  **Large touchscreen interface** - Intuitive and accessible with easy navigation, also works with wet and gloved hands
-  **123 Multilingual onscreen instructions** - Step-by-step instructions on performing tests with little to no prior training required
-  **Data logging** - Results are saved automatically, including test data, user, labels, and notes for audit and compliance
-  **Data retrieval** - Easy access to data via Palintest Connect
-  **Recycled Materials** - Case is made with recycled plastic
-  **Tablet Reagents**
-  **Tubetest Liquid Reagents**
-  **Liquid Reagents**

Kit Contents	LUM7210 Lumiso Expert
Lumiso Expert Benchtop Instrument	✓
Dilution Tube	✓
Syringe, Luer Slip, 10 mL	✓
Polishing Cloth	✓
Test Tube Brush, 12 cm	✓
USB lead	✓
Quick Start Guide	✓
Absorbent cloth	✓
Crush/Stir Rod	10
Cap for 15 mL Vial	10
15 mL Snap Cap Vial	10
Lumiso Expert recycled plastic case	✓
Reusable Reagent Box*	✓

\*Reagents to be purchased separately, see page 30

To find out more about Lumiso Expert, visit [www.palintest.com/lumiso](http://www.palintest.com/lumiso)