











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