

# Lumiso Pooltest Expert

## Tests for:

Absorbance  
 Acid Demand  
 Alkalinity, Total  
 Aluminium  
 Ammonia (Tablet Indophenol)  
 Bromine, Total  
 Bromine, Total (Cl<sub>2</sub> present)  
 Calcium Hardness  
 Calcium Hardness (Salt Pools)  
 Chlorine and Chloramines  
 Chlorine Dioxide  
 Chlorine HR  
 Chlorine, Free  
 Chlorine, Free & Total (XF, XT)  
 Chlorine, Free (XF)  
 Chlorine, Total  
 Copper, Free  
 Copper, Free and Total  
 Cyanuric Acid  
 Hardness, Total  
 Hydrogen Peroxide HR  
 Iron MR  
 Langelier Water Balance Index  
 Nitrate  
 Ozone  
 Ozone (Cl<sub>2</sub> or Br<sub>2</sub> present)  
 Persulfate  
 Phosphate LR  
 pH-Phenol Red  
 Salt  
 Sulfate  
 Transmittance  
 Zinc  
 Zinc (copper present)



## FEATURES INCLUDE:

- Designed and manufactured in the UK
- Recycled material case
- IP67 Waterproofing
- Multi parameter for troubleshooting
- Quick and accurate testing
- Large touch screen interface
- Simple to follow on screen instructions
- Data traceability for audit compliance
- Easy results retrieval with Palintest Connect
- Professional level results in-situ

## Kit Contents

Item	All kits
Lumiso Pooltest Expert Instrument	1
Dilution Tube	1
Syringe, Luer Slip, 10mL	1
Polishing Cloth	1
Test Tube Brush, 12cm	1
USB lead	1
Quick Start Guide	1
Absorbent Cloth	1
Crush/Stir Rod	10
Cap for 15mL Vial	10
15mL Snap Cap Vial	10
Lumiso Benchtop Case	1
Reusable Reagent Box	1



## Technical Specification

Instrument Type	Multiparameter Photometer
Wavelengths	530 nm, 575 nm, 620 nm
Peak Wavelengths	±2 nm
Accuracy	+/-1%T
Display	Full Colour TFT - 16:9 ratio screen, resolution 800 x 480 px
User Interface	PCAP touch panel
Size W x L x H (mm)	211 x 195 x 52
Weight (kg)	0.85
IP Rating & 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 to 1,000 results via device's screen
Battery Life	5,000 tests on one charge
Certifications	EN61326, EN61010, IP67 and EN60068-2-78

## Reagents included in kit

LMPXUK - Lumiso Pooltest Expert UK / Rest of World Kit	LMPXUS - Lumiso Pooltest Expert USA Kit	LMPXAUS - Lumiso Pooltest Expert Australia Kit
DPD1 Free Chlorine Tablet 0-5 mg/L	DPD XF Chlorine Tablet 0 - 10 mg/L	DPD1 Free Chlorine Tablet 0-5 mg/L
DPD3 Total Chlorine Tablet 0-5 mg/L	DPD XT Chlorine Tablet 0 - 10 mg/L	DPD3 Total Chlorine Tablet 0-5 mg/L
DPD4 Total Chlorine Tablet 0-5 mg/L	Cyanuric Acid Tablet 0 - 200 mg/L	DPD4 Total Chlorine Tablet 0-5 mg/L
Cyanuric Acid Tablet 0 - 200 mg/L	pH, Phenol Red Tablet 6.8 - 8.4	DPD XF Chlorine Tablet 0 - 10 mg/L
pH, Phenol Red Tablet 6.8 - 8.4	Coppercol No 1 Tablet 0 -5 mg/L	DPD XT Chlorine Tablet 0 - 10 mg/L
Coppercol No 1 Tablet 0 -5 mg/L	Coppercol No 2 Tablet 0 -5 mg/L	Cyanuric Acid Tablet 0 - 200 mg/L
Coppercol No 2 Tablet 0 -5 mg/L	Alkalinity Total Tablet 0 - 500mg/L	pH, Phenol Red Tablet 6.8 - 8.4
Alkalinity Total Tablet 0 - 500mg/L	Calcium Hardness Tablet 0 - 500mg/L	Coppercol No 1 Tablet 0 -5 mg/L
Calcium Hardness Tablet 0 - 500mg/L	Iron MR No1 Tablet 0 -5 mg/L	Coppercol No 2 Tablet 0 -5 mg/L
Iron MR No1 Tablets 0 -5 mg/L	Iron MR No2 Tablet 0 -5 mg/L	Alkalinity Total Tablet 0 - 500mg/L
Iron MR No2 Tablets 0 -5 mg/L	Oxystop Tablet N/A	Calcium Hardness Tablet 0 - 500mg/L
	Phosphate LR, Phot, 0-4mg/L	Iron MR No1 Tablet 0 -5 mg/L
		Iron MR No2 Tablet 0 -5 mg/L