

# 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  
Manganese HR  
Ozone  
Ozone (Cl<sub>2</sub> or Br<sub>2</sub> present)  
Phosphate LR  
pH-Phenol Red  
Salt  
Sulfate  
Transmittance



## Technical Specification

<b>Instrument Type</b>	Multiparameter Photometer
<b>Wavelengths</b>	530 nm, 575 nm, 620 nm
<b>Peak Wavelengths</b>	±2 nm
<b>Accuracy</b>	+/-1%T
<b>Display</b>	Full Colour TFT - 16:9 ratio screen, resolution 800 x 480 px
<b>User Interface</b>	PCAP touch panel
<b>Size W x L x H (mm)</b>	211 x 195 x 52
<b>Weight (kg)</b>	0.85
<b>IP Rating &amp; Standards</b>	IP67
<b>Power Supply</b>	6 x AA 1.5V Batteries or Standalone USB
<b>Connectivity</b>	Via Windows App (USB) or Mobile App (QR Code)
<b>Memory Capacity</b>	Access to 1,000 results via device's screen
<b>Battery Life</b>	5,000 tests on one charge
<b>Certifications</b>	EN61326, EN61010, IP67 and EN60068-2-78

## 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



## Reagents included in kit

	UK / Rest of World Kit Order code: LMPXUK	USA Kit Order code: LMPXUS	Australia Kit Order code: LMPXAUS
	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