

Lumiso Pooltest Expert

Tests for:

Absorbance
Acid Demand
Alkalinity, Total
Aluminium
Ammonia (Tablet Indophenol)
Bromine, Total
Bromine, Total (Cl₂ 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 (Cl₂ or Br₂ present)
Phosphate LR
pH-Phenol Red
Salt
Sulfate
Transmittance



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

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

