# LUMISO CHLORINE & TURBIDITY KIT

**Rapid accurate analysis of chlorine and turbidity. Lightweight, yet robust for field use, the Lumiso Chlorine and Turbidity Kit offers simple reliable testing for drinking water and wastewater compliance monitoring.**

**Lumiso Chlorine and Turbidity can test the following parameters:**

Chlorine (free and total) 0-5mg/L     Chlorine High Range (total) 0-250mg/L     Turbidity 0.01-1050 NTU

## Lumiso Chlorine Technical Specification

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|---|---|
| Instrument Type | Colorimeter offering direct-reading of pre-programmed test calibrations |
| Peak Wavelengths | 530 nm |
| Accuracy | ±1.0% T |
| Display | 226 x 138 pixels LCD with backlight |
| User Interface | Language free, on screen visual icons |
| Size (W x L x H) and Weight | 163 mm x 70 mm x 45 mm, 275 g |
| IP Rating | IP67 |
| Power Supply | 3 x AA 1.5V Batteries |
| Connectivity | USB for data download and software updates |
| Memory Capacity | Up to 50 data sets |

## Turbimeter Plus Technical Specification

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|---|---|
| Optical System | QuadoptiX™ optical system with two independent 860nm LED sources, ISO 7027 Compliant |
| Instrument Range | 0.01 – 1050 NTU |
| Display | High clarity LCD with backlight |
| User Interface | Soft key access with English, French and Spanish |
| Result Units | NTU, FNU, FTU, mg/L (TSS mode) |
| Modes | Turbidity (normal, average, continuous capture), Total Suspended Solids |
| Data Storage | 1000 results including date, time, sample ID, operator ID and mode. Last 12 successful calibrations including Operator ID |
| Size (W x L x H) and Weight | 82 x 225 x 50mm, 340 g |
| Power Supply | 2 x AA 1.5V Batteries or via USB |

| Kit Contents | LUM7051 Lumiso Chlorine and Turbidity |
|---|---|
| Lumiso Chlorine Photometer | ✔ |
| Turbimeter Photometer | ✔ |
| Test tubes | 5 |
| Test tube brush | ✔ |
| Lint free cloth | ✔ |
| 10 mL syringe | ✔ |
| Crush/stir rods | 4 |
| Silicone Oil | 10 mL |
| Dilution Tube | ✔ |
| USB cable | ✔ |
| Reusable reagent box * | ✔ |
| Instruction booklet | ✔ |
| Hard plastic carry case | ✔ |

*Reagents to be purchased separately, see page 30



**To find out more about Lumiso Chlorine and Turbidity Kit visit www.palintest.com/lumiso**