

Palintest[®]

Product Support Information

Pooltest 9 Bluetooth

A HALMA COMPANY

Pooltest 9 Bluetooth

Including the nine most important pool and spa parameters, water quality testing has never been so simple or connected.



Features include:

- Single-key direct access to any of the key tests coupled with the Palintest reagent system ensures great results are guaranteed
- Battery or mains powered and completely waterproof, use the Pooltest 9 Bluetooth anywhere
- Download results from the on-board data log via Bluetooth® SMART or USB and share with colleagues and customers using the Aqua Pal app

Supplied in a choice of portable or benchtop kits, the Pooltest 9 Bluetooth is ready to go to work from the moment it arrives.

Product Features:

Essential Pool and Spa Control

Test the most essential parameters for water quality control including chlorine, pH and Water Balance.

Access Tests via a Single Button Push

Use the keypad to select required tests with a single button push – no scrolling or entering of test numbers

Simple Tablet Test Methods

Tablet reagents are consistent, stable and portable but the key advantage is the simplicity of the test. New and experienced users alike can generate critical water quality data quickly and reliably.

Bluetooth® SMART Connectivity

Connect wirelessly with a range of smartphones and tablets to upload, share and assign control limits to key parameters and locations

USB Connectivity

Providing data download in standard CSV format and an alternative power source, USB cables are included as standard in all Pooltest 9 Bluetooth kits.

Standard and Extended Range DPD Methods Included

Test for either standard (0 – 5 ppm Cl₂) or extended (0 – 10 ppm Cl₂) ranges for chlorine levels in a single instrument.

Water Balance Options

Choose either Palintest or Langelier Saturation Index for Water Balance monitoring and control corrosion or scaling risk effectively.

Designed for the Mobile Technicians and Pool Managers

The Pooltest 9 Bluetooth is available in a portable Standard Kit for mobile pool service technicians and as a Benchtop version for permanent installation at the pool or spa.

Warranty and Technical Support

Enjoy peace of mind with a 2 year warranty and access to decades of experience in pool and spa water quality testing.

Product Specification

Instrument Type	Dual light source photometer offering direct-reading of pre-programmed test calibrations.
Peak Wavelengths	550nm, 570nm, 600nm
Range	1 - 100%T
Wavelength Selection	Automatic
Accuracy	± 1%T
Optical System	Dual LED light sources with specific wavelength filters. Photodiode optical detectors coupled with intensity correction.
Display	320 x 240 pixel LCD with contrast adjustment
User Interface	On-screen prompts available in English, French, Spanish, German, Italian, Turkish and Mandarin (Chinese).
Tests Available	Pre-programmed for Palintest tablet and liquid reagent tests. Also operates in Transmittance mode.
Test Selection	Test number entry, direct access or choose from test list
Test Cells	12 – 20 mm OD with automatic cuvette centering.
Blanking	Automatic blanking at all wavelengths. Blank value stored in memory until power off or new blank recorded
Size (W x L x H)	150 x 250 x 70 mm
Weight	975 g
IP Rating	IP67

POWER SUPPLY

Batteries	8 x 1.5v 'AA' batteries
Lifetime	40 hours (constant use)
Mains	5V DC, 900 mA supplied via USB port
Power Management	Auto-switch off after inactivity (user selectable)
Power Saving	Backlight on/auto-dim/off, Bluetooth Low Energy profile

CONNECTIVITY

USB	USB Type B connector. Waterproof connector available. Operates in Hard Disk or COM port mode
Wireless	Palintest Bluetooth® SMART (4.0) profile



DATA STORAGE

Instrument Memory	Non-volatile storage
Memory Capacity	Up to 100 data sets. Each data set includes date, time, Sample ID, Operator ID, method number, method name, result, units
Sample ID	Up to 24 at any time, 10 alphanumeric characters
Operator ID	Up to 12 at any time, 10 alphanumeric characters
Data Download	To computer via USB using Hard Disk or COM port mode. Wireless Bluetooth® SMART download, either instantly or as a data batch using a connected device running Aqua Pal. Optional Palintest Portal data management available
Data Output Format	Plain text
Software Upload	Software update by 'drag and drop' in USB Hard Disk mode

Parameters Measured

Free Chlorine	Standard (0 – 5 mg/l Cl ₂) and Extended range (0 – 10 mg/l Cl ₂)
Total Chlorine	Standard (0 – 5 mg/l Cl ₂) and Extended range (0 – 10 mg/l Cl ₂)
pH (Phenol Red)	6.5 – 8.5
Cyanuric Acid	0 – 200 mg/l CNA
Total Alkalinity	0 – 500 mg/l CaCO ₃
Calcium Hardness	0 – 500 mg/l CaCO ₃
Total Bromine	0 – 10 mg/l Br ₂
Ozone	0 – 2 mg/l O ₃
Iron	0 – 1 mg/l Fe
Copper	Total, 0 – 5 mg/l Cu
Palintest Water Balance	8.0 – 14
Langelier Saturation Index	-5.0 – 5.0

Products Using the Pooltest 9 Bluetooth

	SPH 7009 Pooltest 9 Bluetooth Standard Kit	SPR 7009 Pooltest 9 Bluetooth Benchtop Kit
		
Pooltest 9 Bluetooth	•	•
Cuvettes	8	10
Cuvette Rack		•
Lint free cloth	•	•
10ml syringe	•	•
Dilution Tube	•	•
Test Tube Brush	•	•
Crush/stir rod	•	•
USB lead	•	•
Waterproof USB Lead		
USB Power Adaptor		•
Reagent Pack	•	•
Check Standard Set		
Hard Carry Case	•	
Transport Carton		•