

Potatest + Rapid response water quality laboratory

Widely used by organisations involved in large-scale emergencies or simple water quality testing projects, the Potatest is a lightweight microbiological test kit offering low-cost, rapid response testing of basic water quality parameters.

Designed to complement the increased emphasis now being placed upon water safety plans (WSPs) and their role in assessing and managing risk throughout each step of the drinking water supply process.

- Removable water safety kit (WSK) – contains instruments and visual test equipment to determine whether a full microbiological verification is required
- Rapid field microbiological analysis – using membrane filtration protocols for screening of faecal and/or total coliforms.



Ordering Information

PTW10005 Potatest+

Wagtech Potatest+ kit comprising:

- Wagtech Incubator with standard test protocols and audible prompts, petri dish racks, high performance Lead Acid battery with capacity for at least 5 cycles per charge, mains charger with international adaptors, vehicle socket battery power lead, crocodile clip power leads.
- Membrane Filtration assembly, bronze disc, pistol grip vacuum pump with no-kink silicone tubing, 5 Media Measuring Devices (MMDs), 38.1g Membrane Lauryl Sulfate Broth, 5 Pasteur pipettes, hand lens, forceps, 20 Aluminium re-usable petri dishes, 200 sterilised and sealed membrane filters, 200 absorbent pads, absorbent pad dispenser, steel sampling cup, sampling cable.
- Polypropylene 250 mL beaker, quick start prompt cards, sterilisable integrated work surface. Contour Comparator and discs, 4 comparator cuvettes, comparator reagents for 250 tests for Free and Total Chlorine. Double length Turbidity Tube. Pocket pH Sensor and pH calibration buffers. Cuvette brush, Dilution tube, crush/stir rods, De-ion pack, instructions.



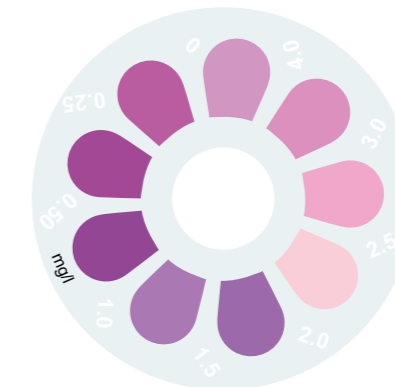
Technical Specification

Potatest Incubator	Test Protocols	37°C and 44°C temperature selections, user selectable time profiles, automatic resuscitation period profile
	Temperature Stability	±0.1°C
	Temperature Control	Laser-trimmed thermistor pair with automatic temperature validation
	User Interface	On screen and audible prompts (incubator only) in English, French, Spanish and Chinese (Simplified).
	Data Log	Last five incubation cycles performance report
	Connectivity	Micro-USB connection to Windows and Android devices for data download
	Size & Weight	110 x 123 x 145 mm, 690g
Potatest Kit	Power Supply	Replaceable lead acid battery with mains, vehicle and external charging options
	Power Consumption	High thermal efficiency heating system, 5 full cycles from a fully charged battery
	Microbiological Capacity	Single incubator with consumables for 200 tests for Thermotolerant/Faecal Coliforms or Total Coliforms. Optional Nutridisk capability for additional parameters including Faecal Streptococci and E. coli
	Physico-Chemical Parameters	Free and Total Chlorine, Turbidity, pH Additional parameters available.
	Size & Weight	464 x 366 x 176 mm, 9 kg



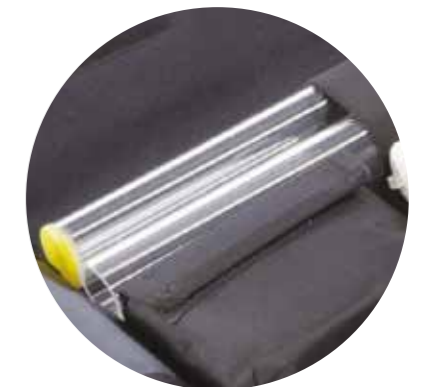
Microbiological Incubator

Incubate 20 samples simultaneously. Store and transfer data.



Measure over 50 chemicals

Add additional Colour Discs and reagents for use with the Colour Comparator.



Water Safety Kit (WSK) module

Removable section designed for measuring key parameters regularly.