

Potakit + Basic portable water quality laboratory

Designed for routine testing in the field, the Wagtech Potakit includes a combination of visual and digital test instruments that offer an affordable yet accurate testing solution.

The Potakit is the kit of choice for NGOs and water technicians implementing small-scale rural WASH programmes and for organisations with limited funds but who still wish to conduct an accurate assessment of key drinking water quality parameters in the field.

- Complete physico-chemical analysis – visual testing apparatus for turbidity, ammonia, arsenic, free and total chlorine, fluoride, nitrite and nitrate plus pocket sensors for pH and conductivity
- The Potakit is supplied with consumables and parts sufficient for processing/analysing 200 samples.



Ordering Information

PTW10030 Potakit+

Wagtech Potakit+ 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 200 tests for Free and Total Chlorine, Ammonia, Fluoride, Nitrite and Nitrate.
- Visual Arsenic Detection Kit with consumables for 200 tests. Double length Turbidity Tube. Pocket pH Sensor and pH calibration buffers. Pocket Conductivity Sensor with conductivity calibration standard, Cuvette brush, 2 Dilution tubes, crush/stir rods, De-ion pack, instructions.

PTW10030XA

Wagtech Potakit XA. Configuration as per PTW10030 but excluding the visual arsenic test kit.

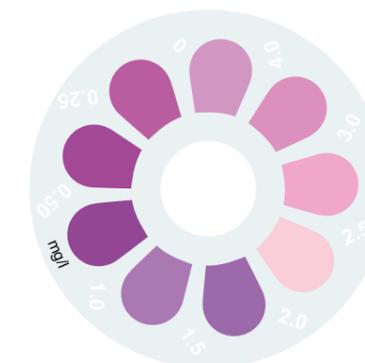
Technical Specification

Potakit 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 and audible prompt upload via dedicated App
	Size & Weight	110 x 123 x 145 mm, 690g
Potatech 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 <i>E. coli</i>
	Physico-Chemical Parameters	Ammonia, Arsenic, Free and Total Chlorine, Nitrate, Nitrite, Turbidity, pH, Conductivity. Additional parameters available.
Size & Weight	555 x 428 x 211 mm, 13 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.



Convenient pocket sensors

Simple to use and portable sensors facilitate routine sample testing and control