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Test Type:  Digital  Microbiological  Visual

	Potalab+	Potatech+	Potacheck	Potakit	Potatest Dual	Potatest Classic	Potatest Go
							
Reagents	Consumables for 200 arsenic tests Photometer reagents for 200 tests of each chemical parameter	Photometer reagents for 200 tests for each chemical parameter	Consumables for 200 arsenic tests	Consumables for 200 arsenic tests Comparator reagents for 200 tests of each chemical parameter		Comparator reagents for 200 tests for free and total chlorine	Comparator reagents for 200 tests for free and total chlorine
Parameters	PTW10010	PTW10480	PTW10726	PTW10030	PTW10020	PTW10005	PTW10005GO
Ammonia					-	-	-
Arsenic		-			-	-	-
Free Chlorine							
Total Chlorine							
Combined Chlorine				-	-		
Conductivity					-		-
Fluoride						-	-
Nitrate							
Nitrite						-	-
pH					-		
TDS					-	-	-
Temperature					-	-	-
Thermotolerant/Faecal Coliforms			-				
Total Coliforms			-				
Turbidity							

Photometer Specifications

Lumiso Expert LUM7210

Included In	Potalab+, Potatech+, Potacheck
Instrument Type	Multiparameter Photometer
Wavelengths	430 nm, 465 nm, 530 nm, 575 nm, 620 nm
Accuracy	+/-1%T
User Interface	PCAP touch panel
Size (W x L x H) and weight	211mm x 195mm x 52mm, 850g
Power Supply	6 x AA 1.5V Batteries or Standalone USB
Connectivity	Via Windows App (USB) or Mobile App (QR code)
Memory Capacity	Access 1,000 results via device's screen

Turbimeter Plus PTH092

Included In	Potalab+, Potatech+, Potacheck
Optical System	QuadoptiX™ optical system with two independent 860nm LED sources, ISO 7027 Compliant
Instrument Range	0.01 – 1050 NTU
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.
Size (W x L x H) & Weight	82 x 225 x 50mm, 340 g
Power Supply	2 x AA batteries or via USB

Palintest Digital Arsenic Test System PT981

Included In	Potalab+, Potacheck
Measuring System	Colorimeter
Range 2	100 ppb - (µg/L As)
Reaction time	20 minutes
Size (W x L x H) & Weight	390 x 330 x 95 mm, 1.75g

Electrochemical Meters Specifications

Micro 800 Multiparameter Meter PT1350

Included In	Potalab+, Potacheck		
	Range	Resolution	Accuracy
pH	-2.00 – 16.00	0.01	±0.01
Conductivity	0 to 200,000 µS/cm 0 – 200 mS/cm	0.01 (0 to 99.99 µS/cm) 0.01 (1.00 – 99.99 mS/cm) 0.1 (100.0 – 200.0 mS/cm)	±1% of full scale or ±1µS/cm, whichever is greater
Total Dissolved Solids	0 – 200,000 mg/L 0 – 200 ppt	0.01 (0 – 99.99 mg/L) 0.1 (100.0 – 200.0 ppt)	±1% of full scale or ±1 mg/L, whichever is greater
Temperature	-10 to +110°C	0.1°C	±0.5°C

Pocket pH Sensor PT155

Included In	Potatech+, Potakit, Potatest Classic, Potatest Go, Wagtech WSK		
	Range	Resolution	Accuracy
pH	0.00 – 15.0	0.01	±0.01
Temperature	0.0 to 50°C	0.01°C	±0.5°C

Pocket Conductivity Sensor PT157

Included In	Potatech+, Potakit		
	Range	Resolution	Accuracy
Conductivity	0 – 20,000 µS/cm 0 – 20 mS/cm (Auto-ranging)	0.1 (0.0 to 1999.9 µS/cm) 1 (200 to 1999 µS/cm) 0.01 (2.00 to 20.00 mS/cm)	±1% of full scale or ±1µS/cm, whichever is greater
pH	0.00 – 15.00	0.01	±0.01

Incubator Specifications

Wagtech Incubator PT1005

Included In	Potalab+ , Potatech+, Potakit, Potatest Dual, Potatest Classic, Potatest Go
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
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 Consumables and Spares

Code	Product	Kit	
PTW10450	Coliform Starter Pack	Potalab+, Potatech+, Potakit, Potatest Dual, Potatest Classic, Potatest Go	
PTW10454	Membrane Lauryl Sulphate Broth, 38.1g		
PTW10459	Membrane Filters, 200 pack		
PTW10460	Absorbent Pads & Membranes, 200 pack		
PT1005	Wagtech Incubator		
PT1010	Wagtech Potalab Incubator		
PTW10400	Membrane Filtration Unit		
PTW10401	Pistol Grip Hand Vacuum Pump		
PTW10402	Bronze Disk		
PTW10403	Silicone tubing for MFU		
PTW10404	Sampling Cup		
PTW10405	MFU/silicone tubing connector		
PTW10420	Aluminium Petri Dishes, 20		
PTW10464	Absorbent Pad Dispenser		
PTW10428	WagPac Disposable Water Sample Bags		
PTW10427	Pistol Grip Hand Vacuum Pump plus silicone tubing		
PTW10425	Replacement battery for Wagtech Incubator		Potatech+, Potakit, Potatest Dual, Potatest Classic, Potatest Go
PTW10424	Replacement battery for Wagtech Potalab Incubator		Potalab+
PTW10051	Potaflex Heavy Duty Incubator		Potalab+, Potatech+, Potakit, Potatest Dual, Potatest Classic, Potatest Go

Photometer Consumables and Spares

Code	Product	Kit
AP031	Free and Total Chlorine (DPD 1 and 3)	Potalab+, Potatech+, Potacheck
AP109	Nitrite (Nitricol)	Potalab+, Potatech+, Potacheck
AP152	Ammonia	Potalab+, Potatech+, Potacheck
AP163	Nitrate (Nitratetest)	Potalab+, Potatech+, Potacheck
AP179	Fluoride	Potalab+, Potatech+, Potacheck
PT555	Photometer Sample Tubes (x5)	Potalab+, Potatech+, Potacheck
LMCEXP	Lumiso Expert Check Standards	Potalab+, Potatech+ Potacheck

Contour Comparator Consumables and Spares

Code	Product	Kit
AK031	Free and Total Chlorine (DPD 1 and 3)	Potakit, Potatest Classic, Potatest Go, Water Safety Kit
AK109	Nitrite (Nitricol)	
AK152	Ammonia	
AK163	Nitrate (Nitratetest)	
AK179	Fluoride	
CKD1001	Contour Comparator disk, Free and Total Chlorine	
CKD1152	Contour Comparator disk, Ammonia	
CKD1163	Contour Comparator disk, Nitrate (Nitratetest)	
CKD1109	Contour Comparator disk, Nitrite (Nitricol)	
CKD1179	Contour Comparator disk, Fluoride	
PT521/5	Comparator Sample Tubes (x5)	

pH and Conductivity Calibration Solutions

Code	Product	Kit
PT142/2	High Range Conductivity Solution, 500mL	Potalab+, Potatech+, Potacheck, Potakit
PT142/3	Mid Range Conductivity Solution, 500mL	
PT105/1	pH 4 Buffer Solution, 500mL	Potalab+, Potatech+, Potakit, Potatest Dual, Potatest Classic, Potatest Go, Water Safety Kit
PT105/2	pH 10 Buffer Solution, 500mL	
PT105/3	pH 7 Buffer, 500mL	

Turbidimeter Plus Consumables and Spares

Code	Product	Kit
PTC092	Turbidimeter Plus Calibration Set	Potalab+, Potatech+, Potacheck
PT120	Silicone Oil	Potalab+, Potatech+, Potacheck
PT555	Sample Tubes (x5)	Potalab+, Potatech+, Potacheck

Digital Arsenic Test Kit and VCDK Consumables and Spares

Code	Product	Kit
PT1003	Arsenator/VCDK Reagent Refill Pack	Potalab+