



LEADOMETER[®]

Portable Lead Testing Kit

The Trace20 Leadometer is a fully portable kit that allows analysis of lead in water on site, detecting levels as low as 5ppb. The lightweight, waterproof unit is capable of producing fast and accurate results that align with USEPA and ASTM approved methods. The kit comes complete with all reagents required for 200 tests, which once performed, produce zero residual waste that can harm the environment.



SPECIALIST MANUFACTURERS OF ENVIRONMENTAL



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FEATURES & BENEFITS

- ⦿ Increased user safety due to no hazardous substances produced during testing.
- ⦿ Stretch your budget, with a low cost per test



- ⦿ Avoid regulatory problems with prohibited substances.
- ⦿ Reduce environmental impact with no plastic waste from used consumables.
- ⦿ Long life rechargeable batteries (included).
- ⦿ Low maintenance push-fit electrodes.
- ⦿ Lightweight single case kit (less than 10 Kg).



- ⦿ Accurate down to 5ppb.
- ⦿ Increase test output in a working day with 5-10 minute tests.
- ⦿ Waterproof IP68 unit with rugged backlit LCD display.
- ⦿ No PC required to gain results, perfect for field applications.
- ⦿ High capacity (1000) data set logger.



- ⦿ USB connectivity for data transfer to PC as required and Bluetooth connectivity for easy wireless data transfer.
- ⦿ Complete with all reagents, consumables and accessories for 200 Lead tests.



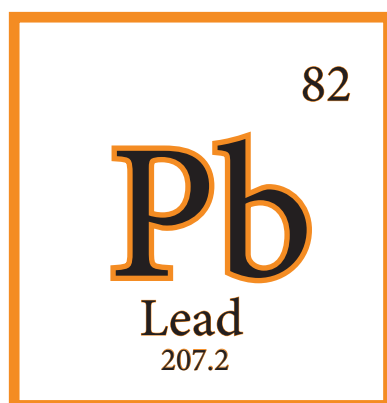


TECHNICAL SPECIFICATIONS

Dimensions (mm)	487 x 386 x 229
Weight (Kg)	9
Approvals	CE Conformity, IP68
Country of origin	United Kingdom
Data	1000 data set storage Data upload via USB to PC Real-time date/time stamp Method update download to unit via USB
Analytical principle	Anodic stripping voltammetry using disc working electrode
Parameters measured	Lead
User Interface	Backlit LCD full graphical display, 128 x 128 pixels Joystick cursor control Menu driven software
Portability	IP68 rated waterproof case Buoyant Hard Shell carry case
Protection	Pressure resistant reinforced screen Hard shell case Chemically resistant housing Case floats in water IP68 water and dust proofing
Operating temperature	-20°C to 70°C
Power supply	Rechargeable Li-ion battery, > 50 tests per charge Alternative power supply via mains adaptor or vehicle cigarette lighter
Manufacturer's warranty	Standard 1 Year from purchase

Limits of detection

	Lower LOD (ppb)	WHO Guideline Value (ppb)	USEPA	FDA Bottled water
Lead (Pb)	5	<10	<15	<5





IN YOUR KIT

IN YOUR KIT	QTY
Single black IP68 Waterproof Case	1
Leadometer Instrument	1
Metalyser Sonde with Cable Clamp	1
WE1 Working Electrode	1
Reference Electrode	1
Counter Electrode	1
Pb Standard (50 tests)	4
HM1 Buffer Pack (50 tests)	4
Electrode Rinse Solution	1
Reference Electrode Fill Solution	1
Hg Plating Solution	4
Analysis Beaker	1
Waste Beaker	1
Pipettor (100-1000ul)	1
Pipette Tips (100-1000ul)	50
Polishing Dish, Cloth and Slurry Kit	1
Stirrer Oil	1
Mains Charger (US, EU, UK, IEC, AUS)	1
Car Charger	1
Accessories Box	2

DESCRIPTION	PACK SIZE	PART NUMBER
Trace2o Leadometer Complete Kit (Supplied in a rugged IP68 Waterproof Case)	KIT	HMPB100
ACCESSORIES AND CONSUMABLES		
Combined Consumables Pack for Pb	PACK 200	HMCPC200
Leadometer Plating Solution 125ml	UNIT	HMHGPLA
Polishing Kit (Dish, Cloths and Slurry)	KIT	HMPOLKI
Pipette Tips (100-1000ul)	PACK 50	HMPIPTH
WE1 Working Electrode	UNIT	HMELWE1
Reference Electrode	UNIT	HMELREF
Counter Electrode	UNIT	HMELCNT
Ref Electrode Fill Solution, 8ml	UNIT	HMREFIL
Stirrer Oil (8ml)	UNIT	HMSTOIL
Leadometer Wash Bottle	UNIT	HMELWAS
Sonde (0.7Mtr)	UNIT	HMSONDE
Sample Analysis Beaker (70ml)	UNIT	HMSABEAK
Pipettor (100-1000ul)	UNIT	HMPIPHR

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