



PORTABLE DIGITAL ARSENIC ANALYSER

The meter has been carefully designed to be simple and safe to use either in the lab or in the field.

Arsenic is an important drinking water contaminant. Drinking water rich in arsenic over a long period leads to arsenic poisoning or arsenicosis. This results in various health effects including skin problems (such as colour changes on the skin, and hard patches on the palms and soles of the feet), skin cancer, cancers of the bladder, kidney and lung, and diseases of the blood vessels of the legs and feet, and possibly also diabetes, high blood pressure and reproductive disorders.

Technical Specification

Measuring System - Colorimeter

Range : 2 - 100 ppb ($\mu\text{g/L As}$)
Display : LCD
Time : 20 minutes



This complete system is the lowest cost, most portable and accurate method for determining Arsenic in safe limits (**WHO guide-lines 10 ppb/ $\mu\text{g/l}$**).

The complete system comes with sufficient reagents and consumables for over 400 tests. Low cost digital arsenic testing device fully portable, designed specially for field use.

Immediate results in the field in less than 20 minutes.

Simple, safe and easy to operate

Gives accurate test results between the critical range of 2 $\mu\text{g/l}$ (ppb) to 100 $\mu\text{g/l}$ (ppb)

Designed in conjunction with Prof. Walter Kosmus and laboratory tested by Imperial College London
Field tested in conjunction with UNICEF/WHO WAT/SAN monitoring programmes Environmentally friendly.

Digital Arsenic Kit comprises the following components:

- * Portable Digital system
- * Tri-Filter Arsenic gas trap
- * 5x Arsenic collection filter holders (Black)
- * 5x Arsine gas removal filter holders (Red)
- * 10x Hydrogen Sulphide removal filters
- * 420x Reagent A1 (dry powder sachet)
- * 420x Tablet A2
- * 420x Arsenic collection filters
- * 420x Arsine gas removal filters
- * Colour comparison chart (<10 to 500ppb)
- * Dilution tube
- * Spare battery
- * Waste disposal bags
- * Gloves and tweezers
- * Rugged carry case with manual

Accessories :- Refill pack contains sufficient filter holders and tablets for 200 tests.

ISO - TECH SYSTEM

(An ISO 9001:2015 Company)

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