

## TARA Product Range

### Jal-TARA Filter

Award winning slow sand filter



### Jal-TARA Arsenic Filter



### Aqua+

Purify water in just 2 drops

## Availability and Replacement

Jal-TARA Arsenic Testing Kit (Dry) is supplied by Technology Action for Rural Advancement (TARA) on order basis. It is easy to use in rural, urban, semi-urban and remote areas. TARA provides user manual that details operation procedure and best practices. This product is fully tested; with proper use, this instrument will provide years of reliable service.

TARA provides back-up support including connecting user to the manufacturer in case of any defect or fault, if necessary.

# Jal-TARA Arsenic Kit (Dry)



### Jal-TARA Water Testing Kit

Test 16 essential parameters

### Jal-TARA Iron Testing Kit



### TARA Aquacheck Vials

Test presence of pathogenic bacteria

### Jal-TARA Nitrate Testing Kit

Easy to use, robust



Manufacture and Supplied by



Technology and Action for Rural Advancement  
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## For Residual Chlorine Detection



## Why Arsenic Monitoring?

Arsenic contamination is a major problem in 20 countries, most affected being Bangladesh followed by India (West Bengal, Bihar and Jharkhand). Even in low concentrations, it is known to pose significant health problems.

Long term exposure to arsenic through drinking water causes cancer of skin, lungs, urinary bladder, kidneys as well as other skin damage such as pigment change and hyperkeratosis. Hence, early detection of Arsenic in water is quite imperative.

## Jal-TARA Arsenic Testing Kit (Dry)

Jal-TARA Arsenic Testing Kit is cost effective, portable, compact and easy to operate, field testing kit for detection of Arsenic in Water.



## Features

Broad testing range 0, 5, 10, 25, 50, 100, 250, 400 ppb or  $\mu\text{g/l}$

Good reproducibility in results at lower concentration of Arsenic

100 water samples can be tested with one set of reagents of kit

Low/ No false negative results

Light weight, portable, easy to carry, attractive sturdy box

Kit dimension: 280×230×80 mm, Weight around 1.8 kg

Very easy to perform tests in field. Reagents are dry & safe

Semi-quantitative test results based on visual colorimetric test strip method

Two test simultaneously can be done in 20 minutes time

Cost Rs. 50 per test affordable compare to other kits Rs. 120 per test

One year shelf life for reagents

Reagents can be replenished and extra equipment can be order separately

## Application

Kit includes a comprehensive instruction manual. Any common person, even one without having scientific background, can use it easily. Jal-TARA Arsenic Kit also has the provision to supply refill facility for the reagents used in the tests.

- Public Health Departments, Water Testing Labs, NGO, School & colleges, Water managers etc.
- Application of this kit is safe and simple to use. A pictorial user's manual with field operational hand book included along with kits. Training video is also available based on special request.

## Our Clients

Our test kits are being used by wide range of organisations, NGOs, educational institutions, hospitals, public authorities and individuals for their water monitoring projects. Some of our regular clients:

- Centre Water Commission
- Water and Power Consultants
- Ministry of Water Resource
- UNICEF
- WHO
- U.P. Jal Nigam
- The SWAJAL Project, U.P. Rural Water Supply and SANITATION Project
- ITC India Limited
- CLEAN-India NGO Partners
- Scientific Institute (IISWBM)
- Industry (Adani Power India)