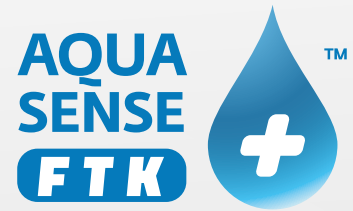
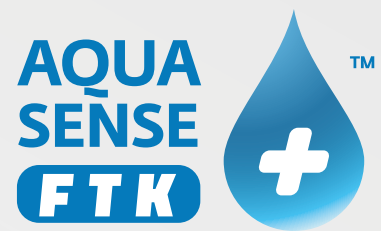
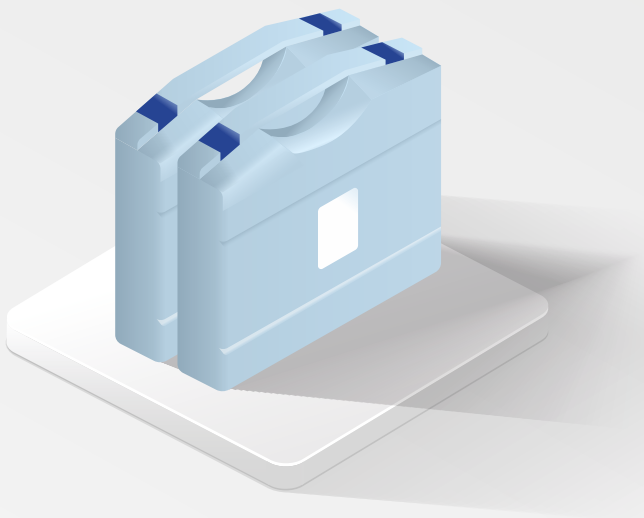


Field Test Kit

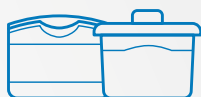


Field Test Kit



Field test Kit for Water Analysis

Aquasense – FTK, Test kits are based on methods of Analysis of Water & Waste Water (EPA) & Standard Method for Water & Wastewater (AWWA). Each field kit contains equipment and consumables for 100 samples.



Portable and easy to carry



Eliminates complex tests and equipment that are difficult to use in the field



Enables on-spot testing of key indicators for ongoing water quality monitoring

Field Test Kit

The Water Quality Field Testing kits are extensively used for testing drinking water parameters quickly and rapidly. A simple water test enables you to find the quality of water in terms of its Physical, Chemical & Biological characteristics. The Test Kits are fully portable and self-contained and are designed to determine the safety of drinking water sources on-site, working in remote locations away from laboratories. The test kits have a provision to track the usage through a mobile app.



Parameter	Principle	Range of measurement in mg./lit.	Method /Reagents & chemicals
pH	Colour Comparison	2.0 to 13.0.	Universal Indicator having range
Total Alkalinity	Acid –Base titration	0– 1000 as CaCO ₃	Diluted HCL
Total Hardness	Complexo-metric titration	0 – 1000 as CaCO ₃	EDTA
Fluoride	Colour comparison with charts	(0.0, 0.5, 1.0,1.5, 2.0 3.0)	Xylenol –Orange (liquid form in amber colored bottle)
Nitrate as NO₃	Colour comparison with charts	(0.0,25.0, 50.0, 75.0, 100.0, 125.0, 150.0)	NEDA/ Cadmium Reduction
Chloride	Titration method	(0- 1000)	Argentometric Method AgNO ₃
Iron	Colour comparison with charts	(0.0, 0.2, 0.3, 0.4, 0.5, 1.0, 1.5,)	1,10 Phenanthroliene Method (Powder /Table form in amber colored bottle)
Residual Free Chlorine	Colour comparison with charts	(0.0, 0.2, 0.5, 1.0, 1.5, 2.0, 3.0)	N, N-diethyl-p-phenylenediamine (D.P.D.) method (Green Chemistry)
Ammonia	Colour comparison with charts	0 – 10	Nessler
Phosphate	Colour comparison with charts	0 - 5	Molybdenum Blue
Arsenic	Test Strips Method, Colour card comparison	0.005 , 0.01, 0.025, 0.05, 0.075, 0.1, 0.25 , 0.5 mg/l as As3+/5+	Silver Diethyldithiocarbamate (Reference: IS: 3025 Part 37)
Coliform/E.Coli			

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of our Journey



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