

Micro Tester Pro

E-coli

Fast • Accurate • Easy To Use
Self-filling Test Ampoules

Water Test Kit



Overview

Micro Tester Pro kits are designed for users who need to conduct multiple tests. A sample cup is filled and a stand-alone ampoule is placed in the cup tip down, the tip is snapped and sample water automatically fills the ampoule. The test may be run manually by observing a color change in the ampoule or by placing the ampoule inside a chamber in the Instrument and reading a CFU count on an LCD screen.

Operation Steps

Step 1: Snapping



Using the water to be tested, rinse the Sample Cup 3 times and then fill with sample water.

Place the tip of the test ampoule down into one of the slots in the bottom of the filled Sample Cup and push gently against the tip to break the tip of the ampoule. The test ampoule will automatically fill with the sample water. Keep the ampoule tip in the sample until completely filled.

Gently rock the filled test ampoule back and forth for 30 seconds (longer if the sample is cold water) to mix the test reagent. After mixing, incubate at 95°. Periodically compare the ampoule color to the color chart to view results, or select a control limit and check once. If utilizing the Instrument, place ampoule in test chamber and run test.

Step 2: Reading Test Results

Visual



Start (pale blue) End (blue)

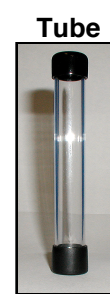
or

Instrument



(optional)

Carry/Incubation Tube



(optional)

Observe Results

Observe color at bottom of the ampoule and match to this chart.

Color	Inspection Time		
	4 Hours	12 Hours	24 Hours
START	Negative	Negative	Negative
BLUE	Dangerous	Problem	Warning

Important: To obtain result Ampoule must be viewed using UV light source (black light).

QUANTITATIVE TEST RESULTS

ELAPSED TIME	NUMBER (CFU)
2 Hours	9,900,000 cfu
3 Hours	2,300,000 cfu
4 Hours	560,000 cfu
6 Hours	31,000 cfu
8 Hours	1,800 cfu
9 Hours	420 cfu
10 Hours	100 cfu
15 Hours	2 cfu

Test Kit Contents: Each test kit comes in a box equipped for 8 or 30 stand-alone tests. When the test ampoules have been used, no replacement components are required, just order a new kit. Each kit consists of the following components: self-filling test ampoules with premixed reagent, a sample cup, ampoule boots and de-chlorinating solution.

Ampoule Shelf Life: 4+ years.

Part # ST90018 (box of 8), ST90017 (box of 30)