

# MicroTester Pro

# Total Microbe

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

# Water Test Kit

Avoid exposure to sunlight



Kept lid closed when not in use

## 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 Autoanalyzer instrument and reading a CFU count on an LCD screen.

## Operation Steps

### Step 1: Snapping



Using the water to be tested, rinse the Sample/Snapping 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/Snapping Cup and pull back on the top to break the ampoule tip. The test ampoule will automatically fill with the sample water.

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 75°. Incubation at 95° will speed up the test. Periodically compare the ampoule color to the color chart to view results, or select a control limit and check once. If utilizing an instrument, place ampoule(s) in test chamber(s) and run test.

### Step 2: Reading Test Results

#### Visual @ 75F



Start (clear)      End (red)

or

#### Instrument @ 95F



(optional)

#### Carry/Incubation Tube



(optional)

### Observe Quantitative Test Results

Observe color at bottom of the ampoule and match to this chart. Floating red particles indicate presence of fungal spores

ELAPSED TIME @ 75°	ELAPSED TIME @ 95°	INCUBATION	
1.0 Hours	0.5 Hours	10 <sup>8</sup>	Critical
5.0 Hours	2.5 Hours	10 <sup>7</sup>	
9.0 Hours	4.5 Hours	10 <sup>6</sup>	Problem
12.0 Hours	6.0 Hours	10 <sup>5</sup>	
14.0 Hours	7.0 Hours	10 <sup>4</sup>	Cautiously Okay
18.0 Hours	9.0 Hours	10 <sup>3</sup>	
27.0 Hours	13.5 Hours	10 <sup>2</sup>	Continue Test
36.0 Hours	18.0 Hours	10 <sup>1</sup>	
48 Hours	24 Hours	<1	Negative

Clear at 75° incubation at the end of 24 hours is a favorable and desired result. However, it is not the all clear signal until the following has been done: the ampoule is kept at room temperature and remains clear with no red flakes when held for another 24-48 hours.

**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/snapping cup, ampoule boots and de-chlorinating solution. [Ampoule Shelf Life: 4+ years.](#)

**Part # ST95077 (box of 30), ST95078 (box of 8)**

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