



Self-filling Ampoule

Syringe Housing

Housing Cap

**Overview**

The Micro Inspector is a unique, self-contained single-use test that screens for aerobic microbial activity. Test results indicate presence/absence and activity levels measured in cfu's. The self-filling glass test ampoule is housed in a protective plastic tube. Ampoule filling is accomplished by simply pushing down, and breaking off ampoule tip in water sample.

**Operation Steps**

1. Remove the housing cap.
2. Fill supplied water sample cup (contains neutralizing de-chlorinating solution) or place ampoule tip in water sample.
3. Technique #1 - push down  
With ampoule tip placed in water sample, grip syringe housing as shown on right and push down until tip breaks against housing side and ampoule fills. Be sure to keep ampoule tip below water line to completely fill ampoule.
4. Technique #2 - twist  
With ampoule tip placed in water sample, grip syringe housing with one hand and ampoule with other hand. Twist and push down lightly until tip breaks and ampoule fills. Be sure to keep ampoule tip below water line to completely fill ampoule.
5. When ampoule is completely full, remove from water sample and gently rock ampoule back and forth to totally dissolve bio-chemical reagents.
6. Incubate at approximately 75F degrees for 24 hours.



**Observe Results**

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

Color	Inspection Time		
	4 Hours	12 Hours	24 Hours
<b>YELLOW</b>	Continue Test	Continue Test	Negative
<b>ORANGE</b>	Continue Test	Warning	Borderline
<b>RED</b>	Dangerous	Problem	Warning
<b>FUNGI</b>	Floating red particles indicate presence of fungal spores		

**Presence/Absence:** At end of 24 hours observe for color change.

**Semi-quantitative:** Observe at 4, 12 and 24 hours for color change. The earlier the color change the greater bacteria amount.

**What's in the box: part # ST9200MI**

Contains: 1 test ampoule in syringe housing, 1 sample cup with dechlorinating solution, 1 Instruction Sheet.

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Original source: Simpletek Water Testing, 8 Byron Rd., Commack, NY 11725, USA, Tel: 1-631-864-0099, Email: info@simpletek.com or sales@simpletek.com, Website: http://www.simpletek.com