

CultureStat Ampoule Owner's Manual

**Thread Bioscience, INC.
Vacuum Sealed Culture Storage Device**



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Introduction

Thank you for selecting Thread Bioscience, Inc. for your equipment needs. For maximized product performance and ease of use please proceed as follows:

1. Inspect the carton and unit for shipping damage. Notify the carrier immediately if damage is found.
2. Use the “Accessory Checklist” when unpacking to verify that all parts of the unit have been received. Do not discard packing materials until everything has been accounted for.
3. Read this operation Manual thoroughly before deciding on an appropriate location for the unit. You must consider the availability of power and other equipment requirements, as well as user convenience in operation.
4. Carefully follow directions in the “Installation” section of the manual.
5. Insist that each operator be familiar with the “Operating Procedures” section of this manual.
6. Follow the required preventive maintenance schedule for long equipment life.
7. Keep this manual in a safe location for ready reference to the “Operations Procedures” and “Maintenance” sections when needed.

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Model Description (1)

The CultureStat Ampoules are a proprietary vacuum-sealed culture storage device. The ampoules are to be used in combination with our CultureStat device to provide rapid UTI detection.

Unit Specifications (2)

Overall Dimensions and Materials of Construction

The overall dimensions are listed below. The materials of construction for the CultureStat Ampoules are ABS plastic (case and plunger), Tygon (tip covering), and glass (ampoule).

Ampoule Case

13" W x 8" H x 1" D

(33 cm W x 20.3 cm H x 2.5 cm D)

Individual Ampoule

0.5" W x 6" H x 0.5" D

(1.3 cm W x 15.2 cm H x 1.3 cm D)

Proper Disposal

General disposal of the ampoule should be done according to medical waste disposal procedures.

Shipping Weight

The shipping weight of an Ampoule Case is approximately 0.5 lbs/0.23 kg.

Operating Procedures (3)

1. Unpacking and Assembly

The CultureStat Ampoule package contains 12 ampoules housed inside individual plungers.

2. Filling an Ampoule

To use the ampoule to obtain a sealed culture sample for use in the CultureStat device remove the plastic cap and fully submerge the tip of the ampoule (Tygon side) into the culture sample you have. **IMPORTANT: *Be sure to keep the tip submerged in the sample until it completely fills with the sample liquid.*** Gently press the ampoule through the plunger until the ampoule tip breaks. The ampoule will fill automatically. You may now place the ampoule into the CultureStat device and begin a test.

Troubleshooting Guide (4)

Problem

Possible Causes

Ampoule does not fill

Neck of the ampoule has not broken
Ampoule tip was not fully submerged in fluid
when ampoule neck was broken