

M Air T™ Cassette

Cat. No. ATSM CO1 14

Introduction

Congratulations on choosing the M Air T™ system, one of the most innovative concepts for microbial monitoring. The tester consists of easy to handle equipment to test airborne contamination for Clean Rooms Class 100,000 (SI : M6.5) down to Clean Rooms Class 100 (SI : 3.5). This is the first truly portable tester providing recoveries that are comparable with the Slit-To-Agar Method upon which the United States Pharmacopeia's Guidelines for clean rooms are based (Eighth supplement, USP-NF, p 4429). The M air T system uses a unique agar cassette design* ensuring consistent nutrition capability of the agar surface. The cassette consists of a clear body with an integrated grid to partition the large surface into smaller squares for easier enumeration of colonies, and a clear lid. The sieve of the tester contains close to 1,000 micro-perforations. This minimizes colony overlapping. The M air T system is ideal for performing environmental surveys in a variety of applications.

*Patent pending

Applications

Pharmaceuticals

- Determine microbiological quality of air in laminar flow hoods
- Trend analysis of aseptic filling areas
- Assess decontamination procedures

Food and Beverages

- Evaluate airborne contamination, critical in HACCP

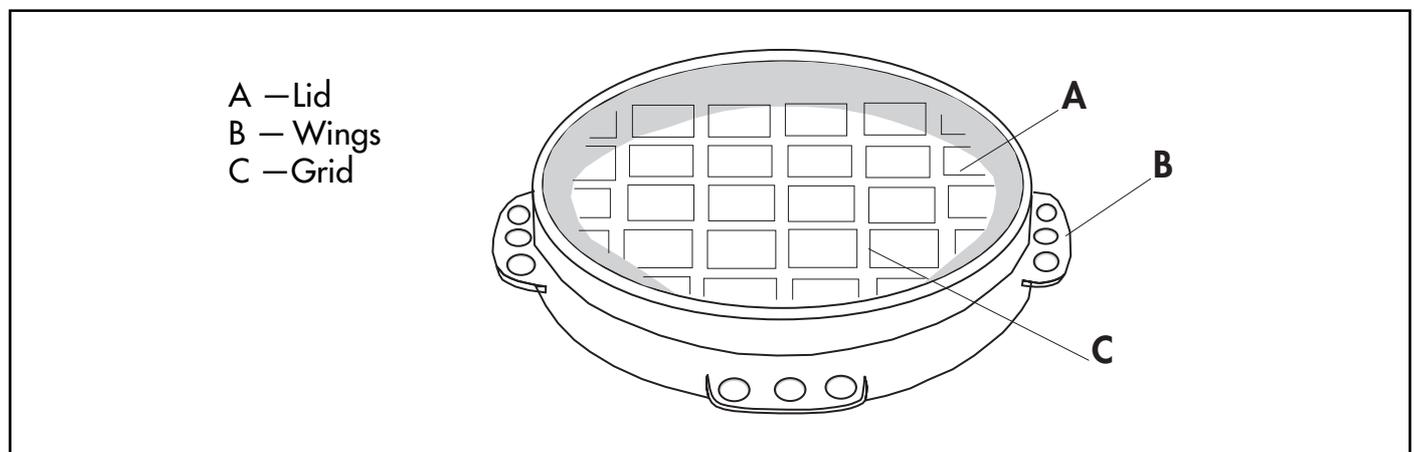
Hospitals

- Evaluate airborne pathogenic microorganisms in the pharmacy, surgical suites, or other critical patient care areas

Electronic Industry

- Differentiate between particulate and microbial contamination in clean rooms

Diagram of M Air T Cassette



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Preparing a Solid Medium Cassette

Use aseptic technique when following the procedure below:

1. Prepare the agar medium for dispensing, and have a suitable dispensing syringe or pipette ready.
2. Liquefy the solid agar medium and maintain it at less than 50°C.
3. Place the empty cassette on a level surface with cover facing upwards.
4. Remove cover from the cassette.
5. Use a dispensing syringe or pipette to fill the cassette with agar to the brim. The agar level should reach the upper edge.
6. Place the cover back onto the cassette, without pushing it into place, and allow the agar to solidify.
7. Push the cover into place once the agar is solid.

CAUTION: Do not close the cassette until the agar has solidified to ensure that no air bubbles are trapped.

Technical Assistance

For more information, contact the Millipore office nearest you. In the U.S., call **1-800-MILLIPORE** (1-800-645-5476). Outside the U.S., see your Millipore laboratory catalogue for the phone number of the office nearest you. You can reach us by e-mail at tech_service@millipore.com or visit our web site (www.millipore.com).

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