

M Air T™ Tester

■ A sieve-impaction sampler with ready-to-use agar cassettes



The M Air T is a lightweight, portable system for testing the microbial quality of air in clean rooms, barrier environments, and critical filling areas. The tester is small enough to be used in confined spaces, but powerful enough to sample up to 1000 liters in just 7 minutes. Programmable electronics and unique, ready-to-use agar cassettes make it the most convenient method for active air monitoring.

Fast

Sample up to 1000 liters (1 m³) in less than 7 minutes.

Programmable

Reduce setup time by saving the air flow parameters in the tester's memory. You'll also reduce the risk of an operator selecting the wrong parameters. A delay timer allows the operator to leave the area before testing begins.

Convenient

Run up to 7 hours on a single charge. Depending on your usage, you may only have to re-charge the battery once a week.

No Overlapping Colonies

The sieve has nearly 1000 micro-perforations that evenly distribute air over the agar surface. Colony overlapping is minimized and results are easier to read.

Low Turbulence

The tester's small size and unique design will not disrupt the air currents inside a laminar hood.



For Use with Our Pre-filled Agar Cassettes

M Air T cassettes have a consistent filling level and flat surface. The distance between the sieve and the surface of the agar remains constant, which improves reproducibility. Other features of the cassettes, include:

- Double-sleeve packaging for barrier environments
- USP and EP compliance certificate
- Wings on the edge of the cassette for easy positioning on the tester head
- Integrated grid for easier colony counting
- The quantity of agar prevents desiccation of the medium and allows sampling up to 1000 liters (1 m³).
- Labels on each cassette for record-keeping and tracing
- Large choice of media
- Gamma-irradiated

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Tester Specifications

Dimensions

255 mm (H); 105 mm (D); 125 mm (W) (10" x 4" x 5")

Weight (with batteries)

1.9 kg (4 lb)

Materials

Tester body: epoxy-coated aluminum

Micro-perforated sampling sieve:

316 stainless steel (autoclave-compatible)

Sampling head: anodized aluminum

Sanitizing

Materials are compatible with most commonly-used sanitizing agents

Air flow rate

140 L/min for the first 500 liters, then 180 L/min (tester comes with a calibration certificate)

Regulatory compliance

Received CE mark

Ordering Information

| Description | Qty/Pk | Catalogue No. |
|---|--------|---------------|
| M Air T Tester | | |
| M Air T Kit (Includes carrying case and the items below. Agar cassettes sold separately.) | 1 | ATAS05060 |
| M Air T Tester | 1 | ATASPLR01 |
| Battery charger, 50/60 Hz | 1 | ATAC05060 |
| Micro-perforated sieve with cover | 1 | ATAHEAD01 |
| Allen-key | 1 | ATAKEY001 |
| Tripod | 1 | ATASUPO01 |

M Air T Agar Cassettes

Pre-filled, gamma-sterilized in double-sleeves (6 bags with 10 cassettes each)

| Medium | Application | Qty/Pk | Catalogue No. |
|--------------------------------|-----------------------------|--------|---------------|
| Tryptic Soy | Total count | 60 | ATSMITD60 |
| TSA with Phase | Areas containing penicillin | 60 | ASTMPND60 |
| Empty cassettes, EO sterilized | | 114 | ASTMC0114 |

To Place an Order or Receive Technical Assistance

For additional information call your nearest Millipore office:

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In the U.S., Canada and Puerto Rico, fax orders to **1-800-MILLIFX (1-800-645-5439)**

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