

MILLIPORE

M Air T[®]

Millipore Air Tester



**The total solution for microbial air monitoring
in critical areas**



Simple Operation and Fast, Reliable Results



Now you can monitor airborne microorganism levels in critical areas quickly and reproducibly with the M Air T tester from Millipore. Microorganisms are impacted onto an agar surface in accordance with the USP reference method.*



Proven in a Wide Range of Applications

Pharmaceutical

- Determining microbial quality in laminar flow hoods and isolators
- Analyzing trends in aseptic filling areas—especially confined spaces
- Assessing decontamination procedures

Food and Beverage

- Evaluating airborne contamination—one of the critical points in HACCP

Hospitals

- Detecting airborne, pathogenic microorganisms in pharmacies, surgical suites, and other critical patient care areas

Electronics

- Differentiating between particulate and microbial contamination in clean rooms

* See USP 29

Unique Features You Won't Find in Other Testers

Convenient agar cassettes

- Pre-filled
- Sterile
- Easy to load—with no risk of contamination



Minimal evaporation

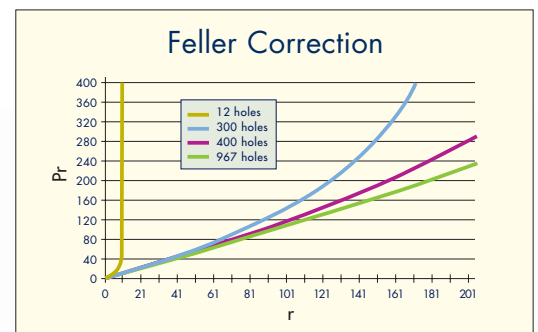
The amount of agar (20 g with a minimum depth of 6 mm) minimizes water evaporation during the sampling cycle (see table below).

More Agar, Less Evaporation

	Strips	90 mm dishes	M Air T Cassettes
Agar (g)	9	18	20
Depth (mm)	5	3.5	6
Surface area (cm ²)	20	64	44
Relative water evaporation (%)	22	11	6

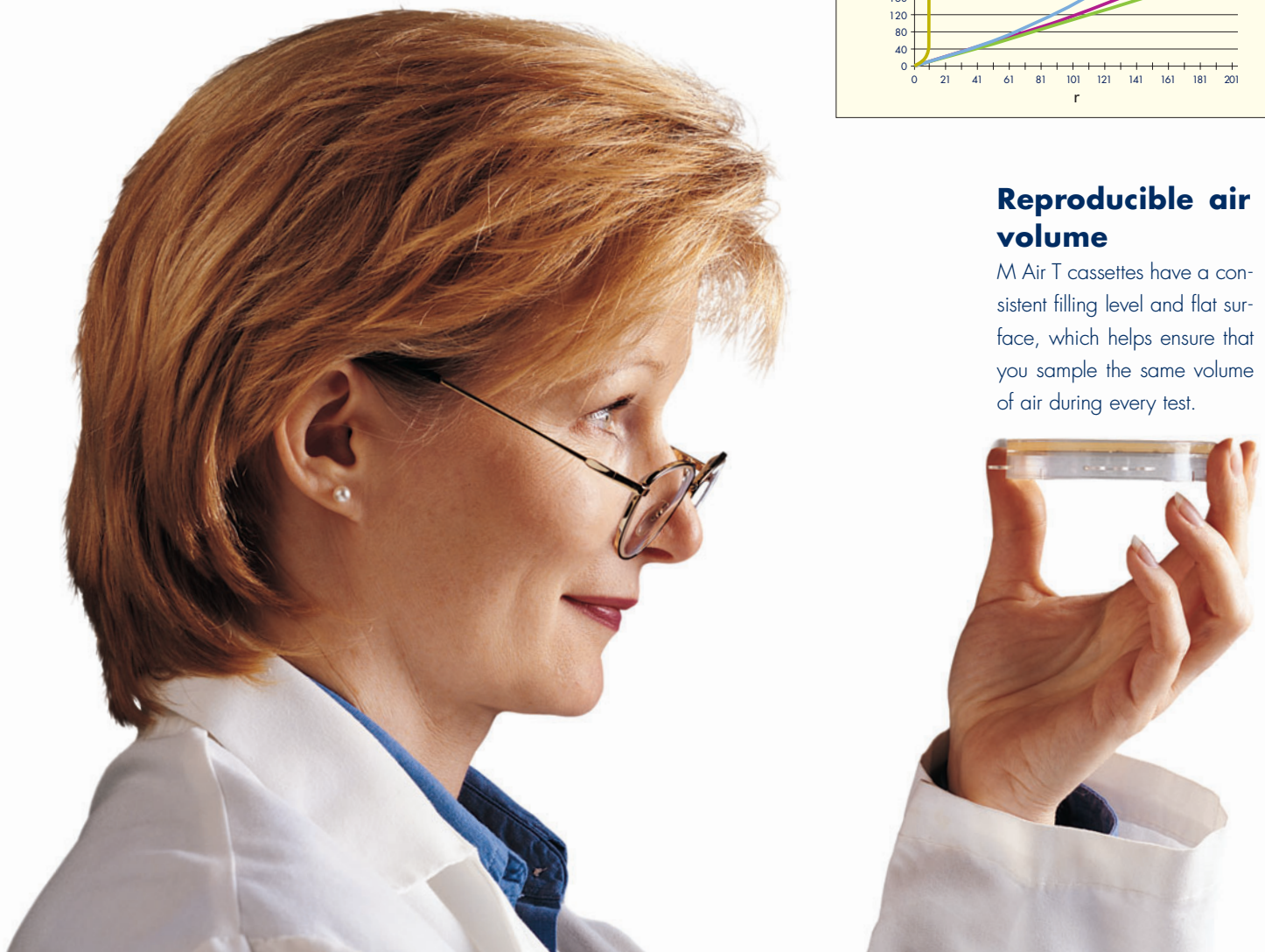
Easy-to-read results

- The M Air T sieve has 967 holes to optimize colony distribution and reduce colony overlapping.
- The Feller correction is close to one, so you don't need to correct your results.
- An integrated grid makes it easy to enumerate colonies.



Reproducible air volume

M Air T cassettes have a consistent filling level and flat surface, which helps ensure that you sample the same volume of air during every test.



1 Unlock micro-perforated sieve and install cassette



There's no risk of touching the agar surface.

2 Remove lid from cassette, lock sampling head, and run test



The consistent distance between the sieve and each M Air T cassette ensures reproducible air flow.

3 Unlock sampling head and remove cassette



You can see where air has impacted the agar, so you know sampling was effective.

The cassette is now ready for incubation and subsequent enumeration of colonies.

Everything You Need to Monitor Airborne Microorganisms

Isolator pump head—for testing in barrier environments

Programmable memory—retains your air velocity settings

Calibration kit—ensures accuracy and reproducibility

Powerful tester—sample up to 1 m³ in just 7 minutes

Extended-life battery—for 7 hours of active sampling

Pre-filled agar cassettes—sterile and ready-to-use

Validation protocol—simplifies validation process





To Place an Order or Receive Technical Assistance

For additional information call your nearest Millipore office:

In the U.S. and Canada, call toll-free 1-800-MILLIPORE (1-800-645-5476)

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

To find the office nearest you visit www.millipore.com/offices

Internet: www.millipore.com

Technical Service: www.millipore.com/techservice

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