MicroBio MB2 HiFlow
Bioaerosol Sampler

Bioaerosol samplers are vital equipment for use in bioaerosol research, clean rooms, pharmaceutical validation, food production and packaging, indoor air quality, HVAC and throughout hospitals and healthcare settings, wherever air hygiene is vital paramount.

The MicroBio MB2 HiFlow Bioaerosol Sampler has a host of features making it ideal for use in such applications and with a sample rate of 180 L/min, a cubic metre of air can be sampled in under six minutes. This will increase work throughput of sampling and reduce impact time on site.

The MicroBio MB2 HiFlow Bioaerosol Sampler uses standard 90 mm Petri dishes with a 400 x 1.0mm hole stainless steel sampling head, avoiding the expense of proprietary sampling media. Using readily available low cost consumables with a variety of media, makes the MicroBio MB2 HiFlow Bioaerosol Sampler an economical instrument to use.

The MicroBio MB2 HiFlow Bioaerosol Sampler is an invaluable device designed for use in hospitals, with IAQ consultants, within food manufacturing and packaging, validating clean rooms to ISO 14698 requirements and for meeting USP797 Guidelines in the United States.

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Model	MB2-HiFlow
Sample Head	400 holes x 1.0mm Stainless Steel
Flow (L/min)	180
Autoclave safe sampling head	✓
d50 (µm)	1.71
Mean particle velocity (m/s)	9.55
Sampling Volume per Sample (litres)	10 - 10,000
Sequential Sampling	5 mins to 24 hours, up to 100 individual samples up to 10,000 Litres
Start delay	1 minute to 3 hours
User defined volumes	9 (Default: 100, 200, 400, 500, 750, 1000, 2000, 5000, 10000 litres)
Autonomy (litres) using NiMh	> 40,000
Alphanumeric LCD Display in eight languages	English, French, German, Hungarian, Italian, Malaysian, Norwegian, Spanish
90 mm Petri dish compatible	✓
Kit weight, inc. all accessories (kg)	2.7
Tripod Mount	✓ (Supplied with mini table-top tripod) UNC ¼-20 Photographic thread
Dimensions	196 x 100 x 116 mm with attached sampling head
Battery	4 x AA NiMH cells, 6V (4 hour charge time)
Charger	UK, Euro, USA, Australia, 110 - 240V
Carry Case	✓
DTI VAM Validated	✓
Warranty	3 years
External Power 110 - 240Vac (medical grade)	Optional
Flow rate calibration certificate	✓

Also available:

- IQ-OQ-PQ Documentation
- Validation and calibration kits
- External mains power supply

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