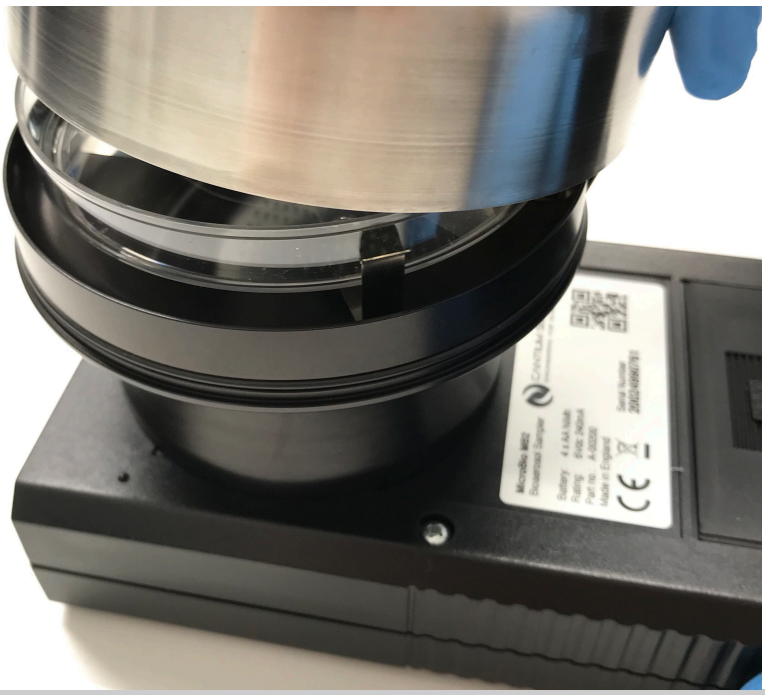
MicroBio MB2
Bioaerosol Sampler



Bioaerosol samplers are vital equipment for use in bioaerosol research, clean rooms, pharmaceutical validation and throughout healthcare wherever air hygiene is vital. Designed to meet the requirements of ISO14698 and ISO17141, the MicroBio MB2 Bioaerosol Sampler has a host of features making it ideal for use in such applications.

The MicroBio MB2 bioaerosol sampler is capable of using 90 mm Petri Dish (400 and 220 hole head versions) or 55 mm contact plates (only 220 hole head version), avoiding the expense of proprietary sampling media.

Using standard readily available consumables at low cost with a variety of media, makes the MicroBio MB2 Bioaerosol Sampler an economical instrument to use. The MicroBio MB2 Bioaerosol Sampler is an invaluable device designed for use in hospitals, with IAQ consultants, validating clean rooms to ISO 14698 requirements and USP797 Guidelines in the United States.

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Model	MB2 - 220 Hole	MB2 - 400 Hole
Sample Head	220 holes x 1mm Stainless Steel	400 holes x 0.7mm Anodised Aluminium or Stainless Steel
Flow (L/min)	100	100
Autoclave safe sampling head	✓	✓
d50 (µm)	1.7	1.35
Mean particle velocity (m/s)	9.65	10.83
Sampling Volume per Sample (litres)	10 - 10,000	10 - 10,000
Sequential Sampling	5 mins to 24 hours, up to 100 individual samples up to 10,000 Litres	5 mins to 24 hours, up to 100 individual samples up to 10,000 Litres
Start delay	1 minute to 3 hours	1 minute to 3 hours
User defined volumes	9 (Default: 100, 200, 400, 500, 750, 1000, 2000, 5000, 10000 litres)	9 (Default: 100, 200, 400, 500, 750, 1000, 2000, 5000, 10000 litres)
Autonomy (litres)	> 60,000	> 60,000
Alphanumeric LCD Display in eight languages	English, French, German, Hungarian, Italian, Malaysian, Norwegian, Spanish	English, French, German, Hungarian, Italian, Malaysian, Norwegian, Spanish
90 mm Petri dish compatible	✓	✓
55 mm contact plate compatible	✓	x
Kit weight, inc. all accessories (kg)	2.7	2.7
Tripod Mount	✓ (Supplied with mini table-top tripod) UNC ¼-20 Photographic thread	✓ (Supplied with mini table-top tripod) UNC ¼-20 Photographic thread
Dimensions	196 x 100 x 116 mm with attached sampling head	196 x 100 x 116 mm with attached sampling head
Battery	4 x AA NiMH cells, 6V (4 hour charge time)	4 x AA NiMH cells, 6V (4 hour charge time)
Charger	UK, Euro, USA, Australia 110 - 240V	UK, Euro, USA, Australia 110 - 240V
Carry Case	✓	✓
DTI VAM Validated	✓	✓
Warranty	3 years	3 years
External Power 110 - 240Vac	Optional	Optional
Flow rate calibration certificate	✓	✓

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Made in UK

Also available:

- IQ-OQ-PQ Documentation
- Validation and calibration kits