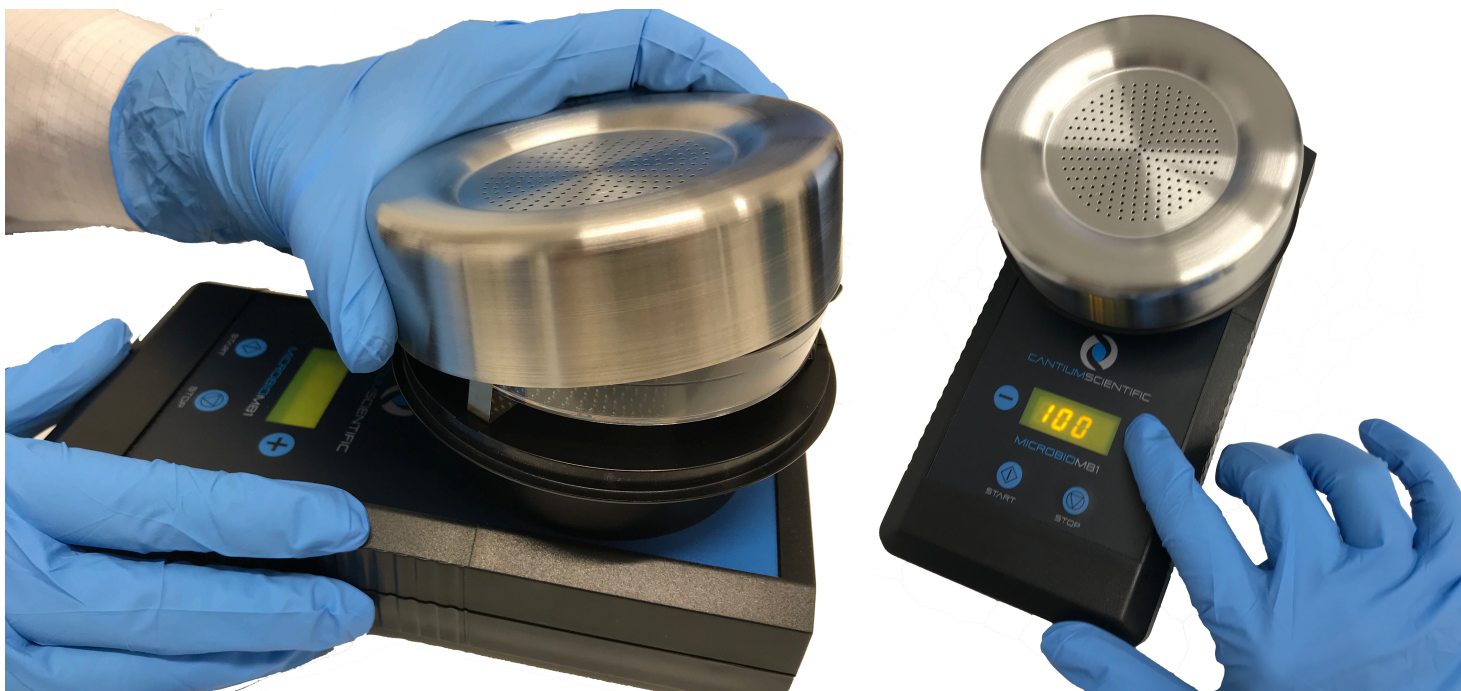


MicroBio MB1 Bioaerosol Sampler



Bioaerosol samplers are vital equipment for use in bioaerosol research, clean rooms, pharmaceutical validation, food production and packaging, indoor air quality monitoring and throughout hospitals wherever air hygiene is paramount. The MicroBio MB1 Bioaerosol Sampler has a host of features making it ideal for use in such applications. It has been fully validated and thousands of units are in use worldwide.

Designed and testing to comply with ISO 14698, the MicroBio MB1 Bioaerosol Sampler is capable of using both 55 mm contact plates or 90 mm standard Petri dishes with either 220 or 400 hole sampling head options, avoiding the expense of proprietary sampling media. Using readily available low cost consumables with a variety of media, makes the MicroBio MB1 Bioaerosol Sampler an economical instrument to use. The MicroBio MB1 Bioaerosol Sampler is an invaluable device designed for use in food production and packaging, dairy, indoor air quality and HVAC.



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Key Features

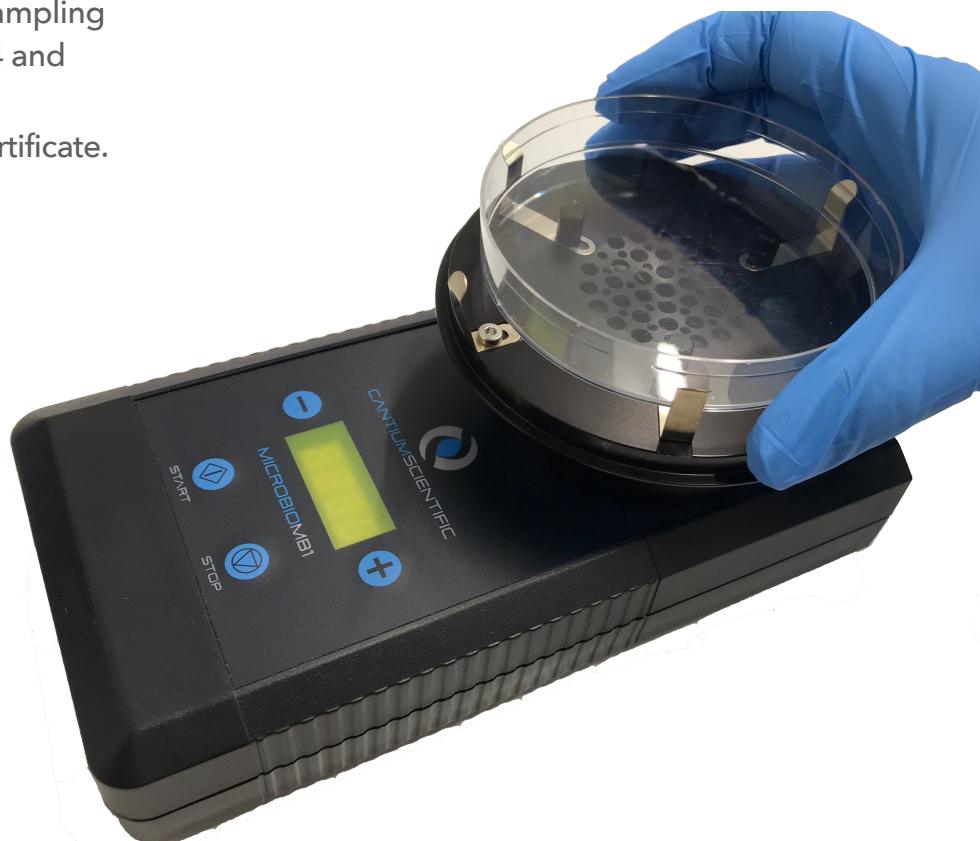
- ▶ Uses 55 mm plates or 90 mm Petri dishes.
- ▶ Each sample from 10L to 2000L.
- ▶ Delay start feature - 1 to 60 minutes.
- ▶ Bright LED display.
- ▶ Air flow 100 L/min, $\pm 5\%$.
- ▶ Particle d50 of 1.7 μm for 220 hole head (supplied as standard) or 1.35 μm for 400 hole head.
- ▶ Particle velocities of 10m/s (within the limits of ISO14698) to allow maximum viability of captured organisms.
- ▶ Can sample over 60000 Litres on a single charge. Use supplied NiMh cells or any quality Alkaline AA cells for maximum versatility, charging from 230V mains and car 12V socket.
- ▶ Results Analysis spreadsheets - free download.
- ▶ Body is manufactured from ABS and aluminium for resilience.
- ▶ Disinfectant, IPA and HPV resistant.
- ▶ Weight: 0.75 kg.
- ▶ Dimensions: 100 x 108 x 196 mm.
- ▶ Designed and tested to meet the sampling requirements of BS EN 14583:2004 and BS EN ISO 14698-1:2003
- ▶ Supplied with factory calibration certificate.
- ▶ 24 months warranty as standard.

Supplied with

- ▶ 220 hole or 400 hole sampling head for 55 mm plates or 90 mm dishes.
- ▶ Battery charger and NiMh AA cells.
- ▶ ABS foam padded hard-case that also holds accessories, charger and heads.

Options

- ▶ Portable validation kit.
- ▶ UKAS calibration.
- ▶ IQ/OQ/PQ documentation.
- ▶ Sampler specific ISO14698 certification.



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