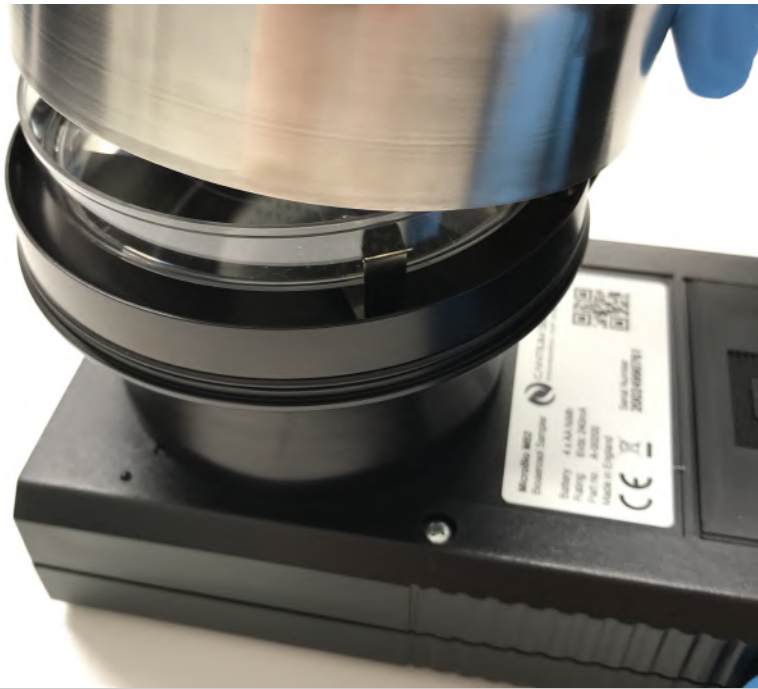


# MicroBio MB2 Bioaerosol Sampler



Bioaerosol samplers are vital equipment for use in bioaerosol research, clean rooms, pharmaceutical validation and throughout hospitals wherever air hygiene is paramount. The MicroBio MB2 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.

The MicroBio MB2 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 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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# Key Features

- ▶ Uses 55 mm plates or 90 mm Petri dishes.
- ▶ Each sample from 1L to 10000L.
- ▶ Alphanumeric LCD display in eight languages.
- ▶ Air flow 100 L/min,  $\pm 5\%$ .
- ▶ Particle d50 of 1.7 $\mu\text{m}$  for 220 hole head (supplied as standard) or 1.35 $\mu\text{m}$  for 400 hole head.
- ▶ Particle velocity of 10m/s (within the limits of ISO14698) to allow maximum viability of captured organisms.
- ▶ Can sample over 50000 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.
- ▶ Delayed start from 1 minute to 3 hours for use in sealed rooms, where remote controls would be of no use.
- ▶ Sequential sampling allowing a large sample to be collected as user defined intervals for up to 24 hours on a single plate/dish.
- ▶ Up to 9 user pre-set sampling volumes.
- ▶ Standard UNC 1/4-20 photographic thread for use with any standard tripod.
- ▶ Results Analysis spreadsheets - free download.
- ▶ Body is manufactured from ABS for resilience and is disinfectant, IPA and HPV resistant.
- ▶ Weight: 0.75 kg.
- ▶ Dimensions: 100 x 108 x 196 mm.
- ▶ Designed to meet the sampling requirements of ISO 14698.
- ▶ 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.
- ▶ Mini table-top tripod.
- ▶ ABS foam padded hard-case that also holds accessories, charger, mini tripod, heads, and dishes.

# Options

- ▶ Portable validation kit.
- ▶ UKAS calibration.
- ▶ MB2-HiFlow model for 180 L/min flow rate.
- ▶ Customisation for flow rate options and sample volume settings.
- ▶ IQ/OQ/PQ documents



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