

MicroBio MB2-RSH 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-RSH Bioaerosol Sampler has a host of features making it ideal for use in applications from isolator cabinets to sealed clean rooms and production cells.

The MicroBio MB2-RSH 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-RSH Bioaerosol Sampler an economical instrument to use. The MicroBio MB2-RSH 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, $\pm 5\%$ standard. Calibration available to $\pm 2\%$.
- ▶ Particle d50 of 1.7 μm for 220 hole head (supplied as standard) or 1.35 μm for 400 hole head.
- ▶ Particle velocities 10m/s (within the limits of ISO14698) to allow maximum viability of captured organisms.
- ▶ Can sample over 50000 Litres on a single charge (> 8 hours). Use supplied NiMh cells or any quality Alkaline AA cells for maximum versatility, charging from 110-230V mains.
- ▶ 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.
- ▶ IQ/OQ/PQ documents - free download.
- ▶ Body is manufactured from ABS for resilience and is disinfectant, IPA and HPV resistant.
- ▶ Weight: 0.85 kg.
- ▶ Controller Dimensions: 100 x 40 x 196 mm.
- ▶ Head Dimensions 100 x 100 x 100 mm
- ▶ Designed to meet the sampling requirements of ISO14698.
- ▶ Supplied with factory calibration certificate.

Supplied with

- ▶ 220 hole (supplied as standard) or 400 hole sampling head
- ▶ Holding springs for 55 mm plates or 90 mm dishes (supplied as standard).
- ▶ Battery charger and NiMh AA cells.
- ▶ 10m of connecting cable.

Options

- ▶ Portable validation kit.
- ▶ UKAS calibration.
- ▶ Customisation for flow rate options and sample volume settings.
- ▶ Mini table-top tripod for controller or sampling head.



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