

MicroBio MB2

Microbiological Air Sampler

Features

- * Microprocessor Control
- * Alphanumeric LCD Display
- * Samples 25-2000 litres
- * Sampling rate - 100 litres/min
- * Delay Facility for remote operation
- * Pre-set Sampling Volumes
- * Light (650g.) and Portable
- * Battery powered
- * uses re-chargeable NiMH batteries (4 x AA)
- * Battery level indicator
- * Tripod Bracket
- * Quiet operation - low noise
- * Carry case and battery charger
- * Uses 90mm Petri Dishes or 55mm contact plates
- * Housing-Black ABS plastic 196x100x 40mm with stainless steel sampling head



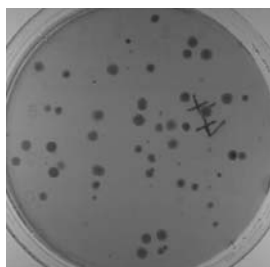
Now takes 90mm Petri Dishes and Contact Plates

Low cost Air Sampling for Food Processing, Clean Rooms, Pharmaceutical Production, Hospitals, Animal Houses, Waste and Sewage Industries, Indoor Air Quality Assessment

The MicroBio Air Sampler introduced in 1994 revolutionized microbiological air sampling. It was the first low cost, fully validated air sampler for bioaerosols, with price, portability and ease of use that cannot be matched. The MicroBio MB2 has now been upgraded with additional features including the option to use either 55mm contact plates or 90mm petri dishes.

The MicroBio MB2 Air Sampler collects airborne micro-organisms for quantitative measurement of bioaerosol contamination in both indoor and outdoor environments. Air is aspirated through a removable stainless steel head (cover) through a series of 1mm diam holes at a flow rate of 100 litres/min. Any micro-organisms are collected on the agar surface of a 90mm Petri Dish or 55mm contact plate. After exposure the plate is removed and incubated, and the colony growths are counted. The count, along with the volume of air sampled is used to calculate the number of colony forming units (cfu) per cubic metre of air. Use of selective agar media allows specific airborne organisms to be detected and enumerated.

Air is a natural carrier of a whole range of bioaerosols, generated by human, animal, and plant activities. Many industrial processes are also sources of airborne micro-organisms. In many situations it is essential to monitor and control these organisms to reduce respiratory infections in humans and animals, and product contamination which can lead to serious health risks. The MicroBio MB2 Air Sampler provides an economical and simple method to monitor these levels and know when to take corrective action.



Picture of colonies from a typical air sample

MICROBIO PC REPORTER SOFTWARE - free with all MicroBio Samplers. Allows users to record results, print reports, or save to file for input to Spreadsheets or LIMS programmes. Also includes help and guidance, references etc. on Bioaerosols..

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Technical Developments

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