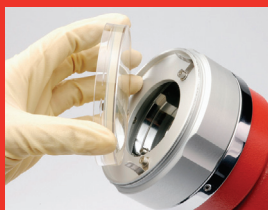




Environmental Monitoring

The Oxoid Air Sampler is a high specification instrument for monitoring the level of microbial contamination in pharmaceutical, clinical and food environments.



EASY TO USE

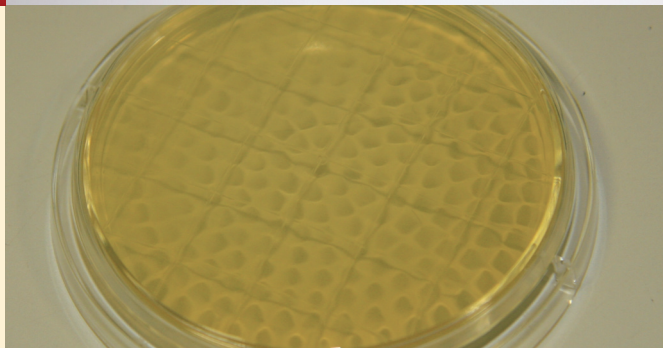
The simple keypad makes menu navigation easy, with all sampling information clearly displayed on an alpha-numeric screen. The unit is light enough to hold while sampling, or can be mounted on a tripod and controlled either at the unit or with an infra-red remote control (available separately).

FLEXIBLE

The sampler has both fixed and user-defined functions that offer flexible sampling volumes, delayed start, multiple run and interval time options. The system is easily converted from the standard 90mm sampling head to fit 55mm contact plates. Various accessories are available for differing applications, including stainless steel heads, tripods, wall/base plates and carry cases.

COLLECTION EFFICIENCY

Validation work according to BS EN ISO 14698-1:2003 Annex B, as carried out by an independent laboratory, has shown the air sampler to have a physical efficiency of 100% for particles, 0.8 to 19.0 micron in size.



100% efficiency for 0.8 to 19.0 micron particle size.

DATA HANDLING

Each sampling run generates a unique record which is stored within the unit (holds up to 98 records). The data is easily accessed and read on the alpha-numeric display, or can be printed off via a standard printer cable. Alternatively, the Oxoid Air Sampler software allows data to be downloaded to a computer for reporting and trend analysis.

CALIBRATION

The instrument is supplied with a traceable calibration certificate, valid for twelve months. There is no requirement for additional calibration between sampling head changes. A regular recalibration is available from Oxoid.

SERVICING AND TECHNICAL SUPPORT

The Oxoid Air Sampler comes with a twelve-month manufacturer's warranty. Oxoid provides service, calibration and full technical support. Contact your local representative for details.

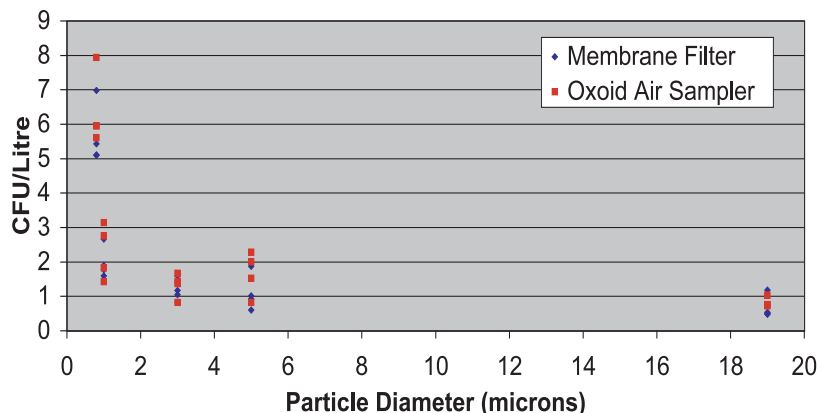


Technical Specifications

Principle: Air is aspirated (at a fixed speed for variable times) through small holes in the instrument's head. The resulting laminar air flow is directed onto the surface of an agar plate. At the end of the sampling cycle, the plate is removed and incubated and the visible colonies are then counted for an assessment of the level of contamination.

Collection Efficiency: Physical efficiency was determined using *Bacillus subtilis* spores and a membrane filter reference method (BS EN ISO 14698-1:2003 Annex B).

Graph to show the collection of *B. subtilis* spores by the Oxoid Air Sampler compared to the Membrane Filtration method (BS EN ISO 14698-1:2003 Annex B)



Nominal Air Flow Rate: 100 litres of air per minute.

Impact Speed: < 20m/sec.

Air Sample Volumes: 10, 20, 30, 50, 100, 200, 500, 1000 litres are preset (STANDARD MODE); up to eight other volumes can be selected and stored in the instrument (USER MODE). The maximum volume of air per cycle is 1000 litres.

Size: 105 x 110 x 290mm.

Weight: 1750g.

Construction:

Sampling Head: aluminium or stainless steel.

Fan: antistatic plastic resin.

Housing: polyurethane resin.

Battery Pack: Rechargeable Ni/MH (without memory effect). Battery charging takes only 4 hours. After charging, the battery will last up to 7 hours.



Ordering Details:

Air Sampler:

The Oxoid Air Sampler comes in an Oxoid hard carrying case, with a sampling head, NIST calibration certificate, manual, warranty and battery charger.

PRODUCT CODE	DESCRIPTION
EM0100A	Oxoid Air Sampler (90mm Aluminium head ready)
EM0100S	Oxoid Air Sampler (90mm Stainless Steel head ready)
EM0355A	Oxoid Air Sampler (55mm Aluminium head ready)
EM0355S	Oxoid Air Sampler (55mm Stainless Steel head ready)

Oxoid Air Sampler Accessories

PRODUCT CODE	DESCRIPTION
EM0190A	Sampling Head and Adaptor; 90mm Aluminium
EM0290A	Sampling Head and Adaptor; 90mm Stainless Steel
EM0155A	Sampling Head; 55mm Aluminium
EM0255A	Sampling Head; 55mm Stainless Steel
EM0104A	Soft Carrying Case
EM0205A	Oxoid Hard Carrying Case
EM0105A	Aluminium Carrying Case
EM0108A	Infra Red Remote Control
EM0109A	Wall/Table Base Plate
EM0107A	Table Tripod
EM0106A	Floor Tripod
EM0102A	Battery Charger (110V)
EM0101A	Battery Charger (220V)
EM0111A	Oxoid Air Sampler PC Connecting Cable
EM0110A	Oxoid Air Sampler PC Connecting Software
EM0800A	Installation Qualification (I.Q.)
EM0800B	Operation Qualification (O.Q.)
EM0800C	Performance Qualification (P.Q.)
EM0100P	Pyramid Quality Check (for customer use)
EM0100C	Calibration
EM0900A	12 Month Extended Service Agreement (including single calibration)

90mm Plates:

PRODUCT CODE*	DESCRIPTION	PACK SIZE
PO0163A	Tryptone Soya Agar	10
PO0241B	Tryptone Soya Agar, Irradiated, Triple Wrapped	10
PO0821B	Tryptone Soya Agar, Irradiated, Triple Wrapped, Deep Fill	10
PO0777B	Tryptone Soya Agar, Irradiated, Triple Wrapped, VHP Impermeable Packaging	10
PO0160A	Sabouraud Dextrose Agar	10
PO0410B	Sabouraud Dextrose Agar, Irradiated, Triple Wrapped	10
PO0787B	Sabouraud Dextrose Agar, Irradiated, Triple Wrapped, VHP Impermeable Packaging**	10

55mm Contact Plates:

PRODUCT CODE*	DESCRIPTION	PACK SIZE
PO0193C	Tryptone Soya Agar	10
PO0262D	Tryptone Soya Agar, Irradiated, Triple Wrapped	10
PO0479D	Tryptone Soya Agar with Tween and Lecithin**	10
PO0192C	Sabouraud Dextrose Agar	10
PO0394D	Sabouraud Dextrose Agar, Irradiated, Triple Wrapped	10

Please visit www.oxid.com or the Oxoid Product list for details of our full range of media.

*Please note that different order codes may apply in some countries.

**These are not a stock item, minimum order and lead time may apply. Please contact your Customer Services Administrator for details



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