

SPIN AIR

Air Sampler

Pharmaceutical | Food & Beverage | Environmental | Cosmetics

Main benefits

Maximum precision

Spin Air uses 100% of the Petri dish unlike other systems that cover only 5%. This ensures accurate and reliable counts without statistical corrections.

This results in a collection efficiency of over 91% (Table 1), even in highly contaminated environments and GMP grade C and D cleanrooms.

Traceability

Equipped with printer and barcode reader connection enabling easy data export.

Easy cleaning

The lid is autoclave-safe, ensuring complete sterilization to prevent cross-contamination.

Easy sampling

These compact, portable air samplers attach to a tripod for accurate sampling. They include an alarm that stops the process if there are airflow problems and a countdown function that prevents operator interference.

Available for 60 mm (Rodac) and 90mm plates.

Product overview

Microbial air contamination monitoring is a key process in facilities with special air cleanliness needs.

The Spin Air sampler offers a compact, portable, and simple solution for air sampling.

IUL's air samplers are designed for easy transportation. Sample anywhere, anytime!

EN 17141:2020 compliance

Spin Air's biological efficiency has been certified according to the standards of EN 17141:2020.

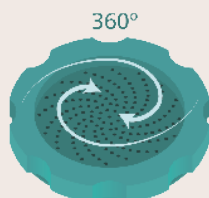
Carrying case INCLUDED! *



*Carrying case only included with Cat. 90005500/5501

Spin Air technology

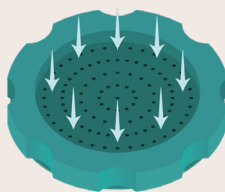
Spin Air



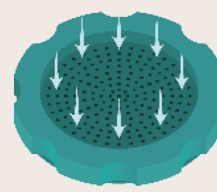
Spin Air has an innovative system that stands out from the rest. With its rotary system, microorganisms are distributed homogeneously on the plate.

Utilize 100% of the Petri plate!

Competitor A



Competitor B

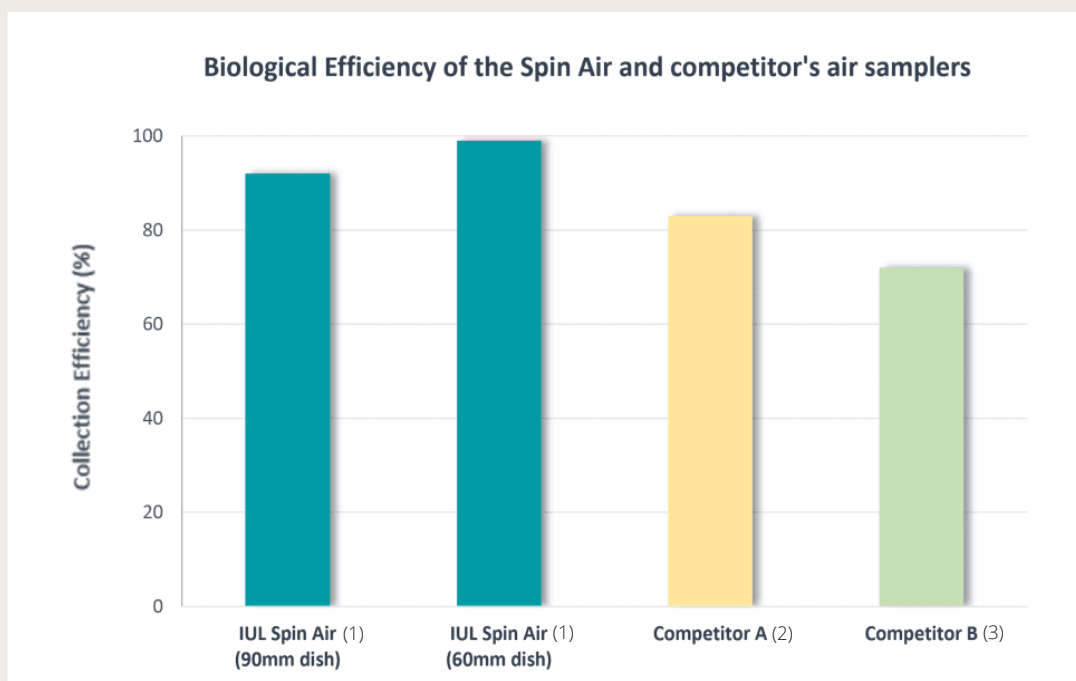


Competitor products have a lid design with a radial distribution of holes and do not use a rotation system.

Only 5% of Petri plate is used.

Spin Air Performance

The Spin Air air sampler outperforms the competition, with a collection efficiency of over 90% and 98% for 90mm and 60mm plates, respectively.



(Table 1)

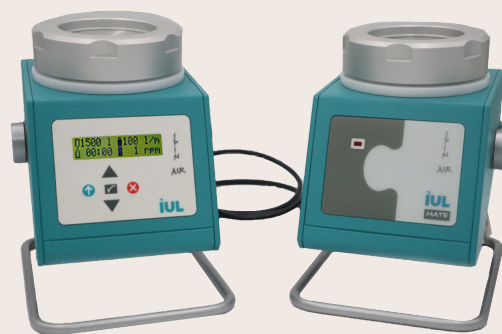
References

- (1) Biological Efficiency Testing of Spin Air – Techniques described in EN 17141:2020 - Report No 23-011 (2023).
- (2) Physical and Biological Efficiency Testing of Competitor A - Techniques described in ISO 14698-1: Report No. 14/013 C (2015) - (PHE Biosafety group in Porton Down).
- (3) Biological Efficiency Testing of Competitor B - Techniques described in ISO 14698-1: Report No. 988-05 (2005).

► Carry out simultaneous testing with the Spin Air Mate

Connect the Spin Air Mate (Cat. 90005502/5506) to the Spin Air (Cat. 90005500/01) and run them synchronously.

Simultaneous sampling allows the use of two types of agar at the same time: tryptic soy agar with polysorbate and lecithin (TSApl) for bacteria and malt extract agar (MEA) for fungi isolation. This setup is recommended by the USP chapter <797>.



► Calibration

The air samplers are calibrated at the factory and ready to use! The Spin Air alerts the operator when calibration is needed (after 2 years or 1 million liters of sampling).

Contact IUL or your IUL distributor- our trained professionals are available worldwide to assist you.

► Sterilization

After each sampling, the (aluminium or stainless steel) lid can be sterilized with an autoclave in order to avoid any cross-contamination of the sample.



► Are you ready to go a step further?

Count your plates with IUL's technology.



DOT - Manual Colony Counter

IUL's colony counter makes this process easier and faster through the use of LED lighting and a high quality magnifying glass.



SphereFlash® - Automatic Colony Counter

Count colonies in a simple and reliable way thanks to SphereFlash®, IUL's automatic colony counter.

New: Try our AI-powered software.

Technical specifications



90 mm plates lid included

60 mm plates lid included

Cat. 90005500

Cat. 90005501



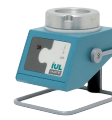
Cat. 90005532

Cat. 90005535



Cat. 90005533

Cat. 90005538



Cat. 90005502

Cat. 90005506

Model	Spin Air	Spin Air Basic	Basic Air	Spin Air Mate*
Plates	60 mm (Rodac), 90 mm	60 mm (Rodac), 90 mm	60 mm (Rodac), 90 mm	60 mm (Rodac), 90 mm
Air flow	60-100 L/min	60-100 L/min	60-100 L/min	60-100 L/min
Air volume	from 10 to 9900 L	from 10 to 9900 L	from 10 to 9900 L	from 10 to 9900 L
Weight	1.7 kg / 3.74 lb	1.35 kg / 2.86 lb	1 kg / 2.2 lb	1.3 kg / 2.86 lb
Dimensions (WxHxD)	15x19x21.5 cm / 5.9x7.48x8.46 in	13x15.5x23 cm / 5.11x6.1x9.05 in	13x15.5x23 cm / 5.11x6.1x9.05 in	15x19x21.5 cm / 5.9x7.48x8.46 in
Sampling lid dimensions (øxH)	10.5x3 cm / 4.13x1.18 in	10.5x3 cm / 4.13x1.18 in	10.5x3 cm / 4.13x1.18 in	10.5x3 cm / 4.13x1.18 in
Power	12 V	12 V	12 V	12 V
Screen	LCD	LCD	LCD	LCD
Rotation system	YES	YES	NO	YES
Lid material (Interchangeable)	Aluminum	Aluminum	Plastic	Aluminum
Traceability	YES	NO	NO	(with Spin Air)**
Delayed activation code	YES	NO	NO	(with Spin Air)**
PC/Printer communication	YES	NO	NO	(with Spin Air)**
Format communication	XML, CSV	NO	NO	XML, CSV
Allows to comply with	EN 17141:2020 USP-797 / USP-1116	USP-797 / USP-1116	USP-797 / USP-1116	EN 17141:2020 USP-797 / USP-1116
Barcode reader connection	YES	NO	NO	NO

Specifications subject to change without notice.

* Spin Air Mate must be connected to the Spin Air in order to operate using the Cat. 900011046 communication cable.

** Connect Spin Air with Spin Air Mate through Communication cable Cat.900011046

Accessories and spare parts



1. Cover & holder for 90 mm Petri dishes

Cat. 90005504 (aluminum)

Cat. 90005525 (plastic)

Cat. 90005527 (inox)

2. Cover & holder for 60 mm Petri (RODAC) dishes

Cat. 90005505 (aluminum)

Cat. 90005526 (plastic)

3. IUL barcode reader

Cat. 90005701

4. Printers and cable

(RS-232 + DB9M-DB25M Adapter)

Cat. 90003070 (Ticket Thermal)

Cat. 90003069 (Dot Matrix)

Cat. 90005510

5. PC Communication Cable (DB9M-USB)

Cat. 90005518

6. Spin Air-Spin Air Mate communication

Cat. 900011046

7. Carrying case
(included with Cat. 90005500/5501 &
Cat. 90005502/5506)

Cat. 900012094

8. Tripod with base

Cat. 90005511

Cat. 900011099 (base)



For more information about Spin Air, scan the QR code



For more information visit us at:

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