Allows to comply with:

EN 17141 | USP 797 | USP 1116 | Traceability | Autoclave

SPIN AIR

Air sampler

Pharmaceutical | Food & Beverage | Personal care | Evironment | Cosmetics

Product Overview

Microbial air contamination monitoring is a key process in facilities with special air cleanliness needs. Spin Air samplers give users a **compact, portable, simple solution to air sampling.**

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

Carrying case **INCLUDED! ***

*carrying case only included with Cat. N°.90005500

Main benefits

Unrivaled Spin Technology

IUL's **Spin technology enhances air sampling and microorganisms recovery** even when sampling in mid/highly contaminated environments (particularly useful for GMP Grade C and D cleanrooms and regular environment sampling).

This sampling technology uses 100% of the Petri plate agar surface to plate microorganisms (only 5% is used in other air samplers) with this technlogy, **avoids the use of colony count correction tables.**

Full traceability

LIMS friendly data records, printer connectivity, and barcode reader compatibility. All enable full sampling traceability.

Cleaning easy

The lid can be sterilized to avoid cross-contaminations.

Regulatory compliance

Spin Air sampler allows complying with USP 797 & 1116 regulations.

Easy sampling

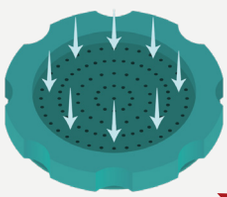
These air samplers are compact and portable. They can be attached to a tripod for optimal sampling. If airflow problems arise, these are warned out by a noisy alarm and sampling is aborted. A handy count-down function avoids operator interference with results.
Use the delayed activation mode to avoid the collector's contamination.

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

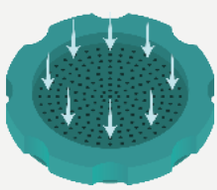
Doc. No. 50006096-07 09/23/2021

Spin Air technology

Competitor A



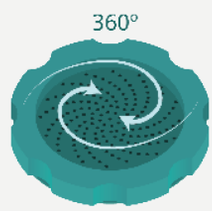
Competitor B



Competitor products have an aluminium lid design with a radial distribution of holes.

Only 5% of Petri plate is used

Spin Air IUL



Spin Air has an innovative system that stands out from the rest. With its **rotatory system**, microorganisms stay on the plate in spiral **homogeneously distributed**.

Use 100% of the Petri plate!

Duplicate simultaneous testing with the Spin Air Mate

Connect the Spin Air Mate to the Spin Air and make them to run synchronously.
The Spin Air Mate enables to use two types of agars: tryptic soy agar with polysorbate and lecithin (TSApl) for bacteria and malt extract agar (MEA) for fungi isolation. Recommended by the USP chapter <797>.

Calibration

The Spin Air is calibrated at factory and ready to use! The Spin Air warns the operator when a calibration is needed.

Contact IUL or your IUL's distributor, our trained professionals can help you around the world.

Sterilization

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

How Spin Air works

1 Preparation

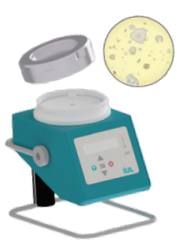
Place the Petri dish and tighten the lid by screwing it on clockwise.

2 Starting

Click [↑] to start the process.

3 Process

The rotative system distributes homogeneously the microorganisms.



4 Results

Loosen the lid by unscrewing it in a counterclockwise direction. Petri dish is ready for incubation.

Are you ready to go a step further?

Count your plates with the IUL's technology.

DOT® - 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

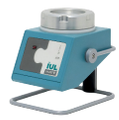
Count colonies in a simple and reliable way thanks to SphereFlash®, IUL's automatic colony counter.

Table comparision from technical data

Cat.No.90005500

Cat.No.90005532

Cat.No.90005533

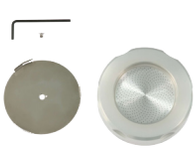


Cat.No.90005502 **

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 volume	60-100 L/min	60-100 L/min	60-100 L/min	60-100 L/min
Air flow	from 10 to 9900 liters	from 10 to 9900 liters	from 10 to 9900 liters	from 10 to 9900 liters
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 CV	12 CV	12 CV	12 CV
Screen	LCD	LCD	LCD	LCD
Rotation system	YES	YES	NO	YES
Lid material (interchangeable)	aluminum	aluminum	plastic	aluminum
Traceability	YES	YES	YES	(with Spin Air)
Delayed activation code	YES	YES	YES	(with Spin Air)
Communication	RS-232 Standard	RS-232 Standard	RS-232 Standard	RS-232 Standard
Format communication	XML, CSV	XML, CSV	XML, CSV	XML, CSV
Allows to comply with	EN-17141 / USP-797 / USP-1116	EN-17141 / USP-797 / USP-1116	EN-17141 / USP-797 / USP-1116	EN-17141 / USP-797 / USP-1116

Accesories for Spin Air

1



2

3

4

5

1. Set for 90 mm Petri dishes (holder and lid)
Cat. No.90005504 (aluminium)
Cat. No.90005525 (plastic)
Cat. No.90005527 (inox)

2. Set for 60 mm Rodac plates (holder and lid)
Cat. No.90005505 (aluminium)
Cat. No.90005526 (plastic)
Cat. No.90005528 (inox)

3. Bar-code scanner
Cat. No.90005701

4. Communications Cable RS-232
Cat. No.90005510

5. Tripod with base
Cat. No.90005511
Cat. No.900011099 (base)

6. Carrying case (included with Spin Air)
Cat. No.90005534

*carrying case only included with Spin Air model

**Spin Air Mate must be connected to Spin Air Master to operate

Allows to comply with:

EN 17141 | USP 797 | USP 1116

AENOR
GESTIÓN DE LA CALIDAD
ISO 9001

For more information about Spin Air, scan the QR code

For more information visit us at:

iul-instruments.com

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