www.iul-instruments.com

Portfolio presentation 2022

IUL covers your lab automation during the whole workflow.

From Sample Preparation to Inoculation to Colony counting.




Sample
Sample preparation
Inoculation
Counting
Result

Easy to use



Pinch Dilutor

Gravimetric dilutor

- Easy to operate
- Simple setup
- Regulatory compliance (ISO 7218)
- Unique

99%
accuracy

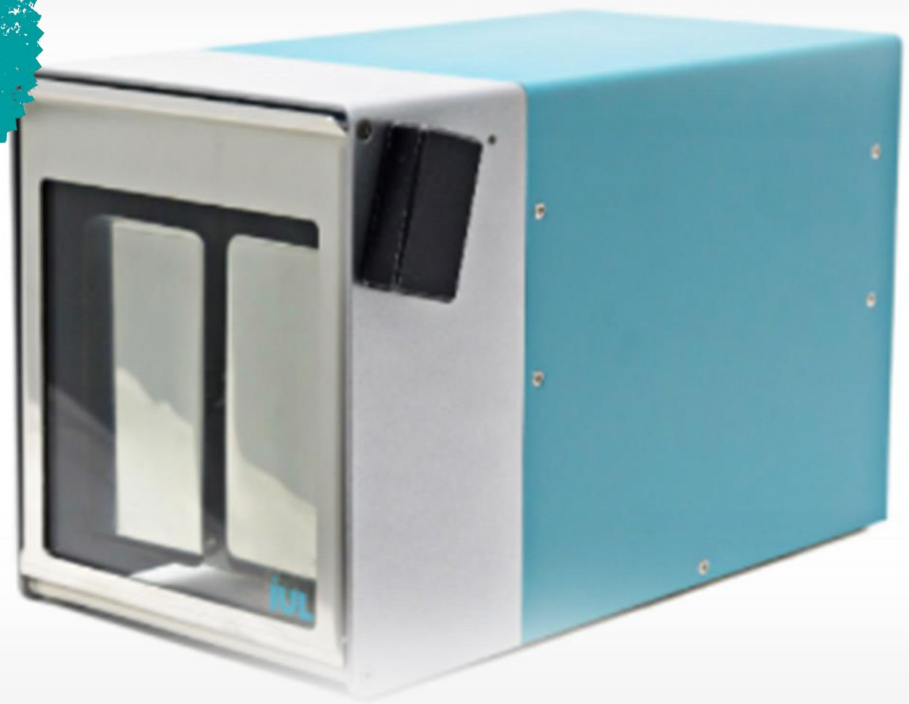


Smart Dilutor W

Gravimetric dilutor

- Ergonomic
- High Accuracy
- Sterile
- Friendly Interface
- Traceability
- Scalable

Available in 8 models



Masticator

Homogenizer

- No cross contamination
- Easy to use
- Durable
- Suitable for different sample size

- Safe, efficient & durable
- From 5-8 strokes per second
- From 80ml to 3500ml sample




Sample
Sample preparation
Inoculation
Counting
Result

Prevent cross-contamination



Eddy Jet 2W

Spiral plater

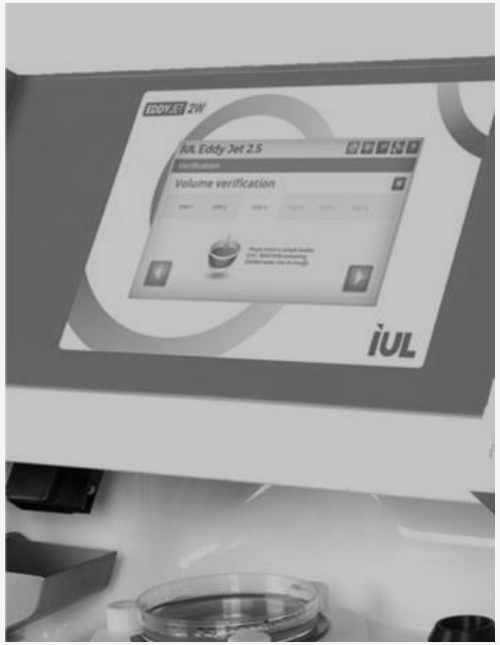
- Sterile
- Easy-to-use
- Intuitive User Interface
- Connectable
- Fully validated method (ISO/FDA)

IUL's patented syringe method

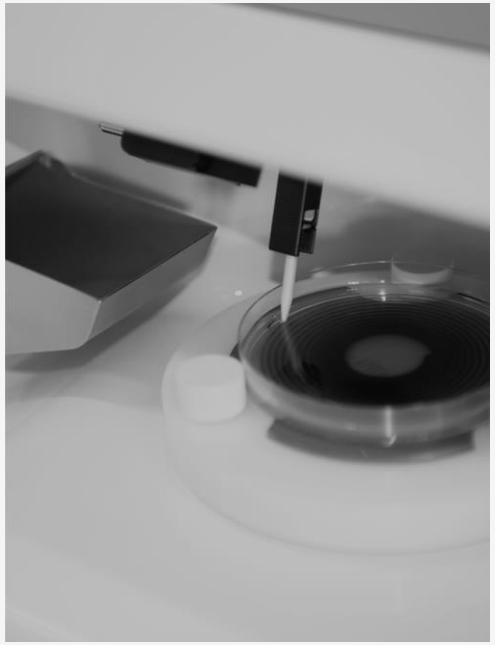
Prevent any cross-contamination

Cleaning cycles unnecessary, saving large amounts of time

Does not require for bleach disinfection avoiding false negative results


EDDY JET 2W
IUL Eddy Jet 2.5
Volume verification
IUL


FRONT
JET

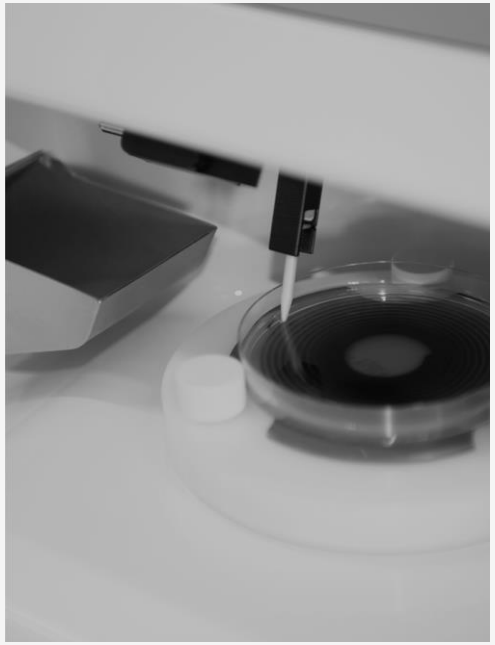



IUL
EXPIRY DATE: 01/12/20
www.iul-inst.com

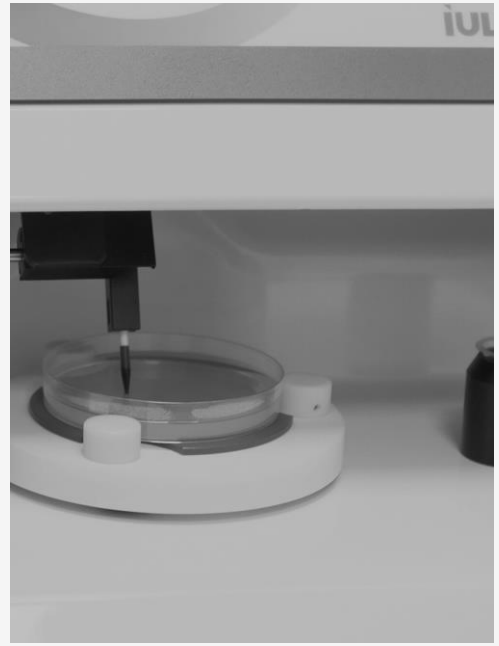



EDDY.JET 2W
IUL Eddy Jet 2.5
Volume verification
IUL


FRONT
JET



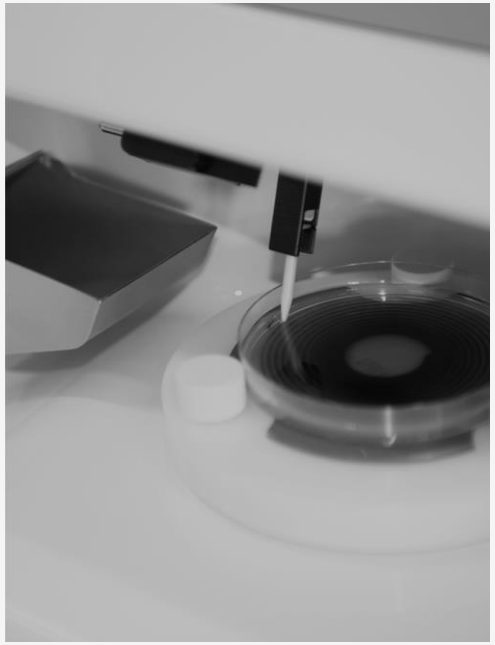

IUL
EXPIRY DATE: 01/12/20
www.iul-inst.com



Only 1 click


EDDYJET 2W
IUL Eddy Jet 2.5
Volume verification
IUL


FRONT
EDDY
JET




IUL
EXPIRY DATE: 01/12/20
www.iul-inst.com

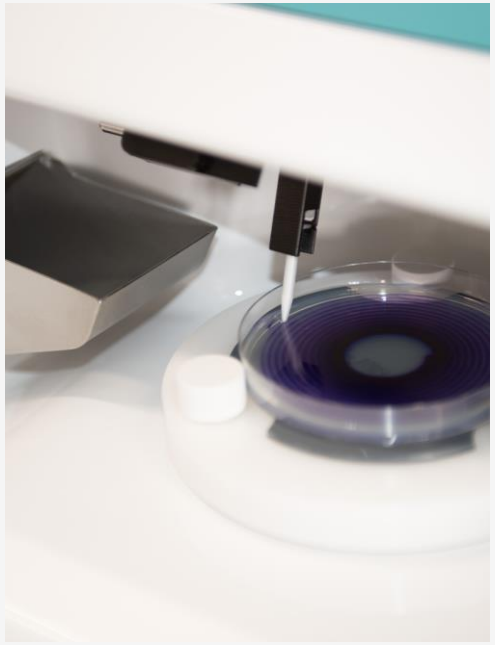


Simple

30”
per cycle







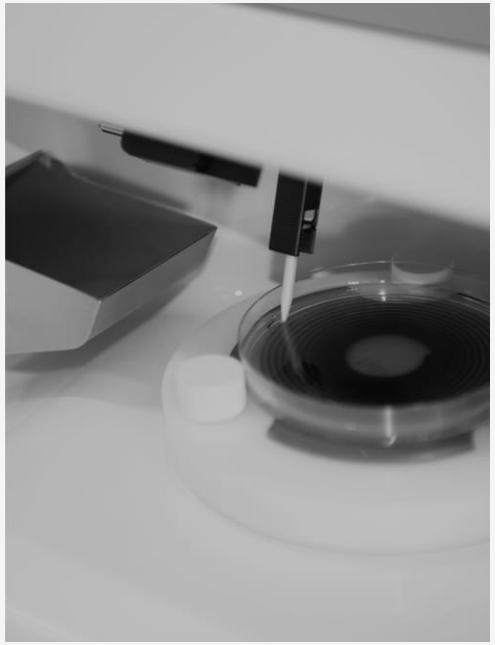


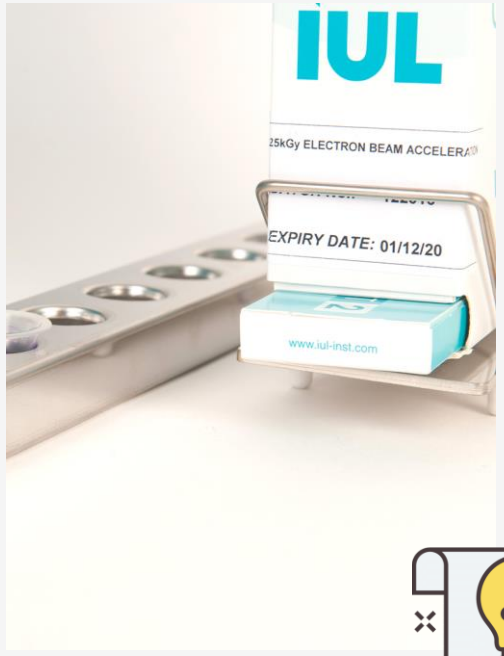


Precise











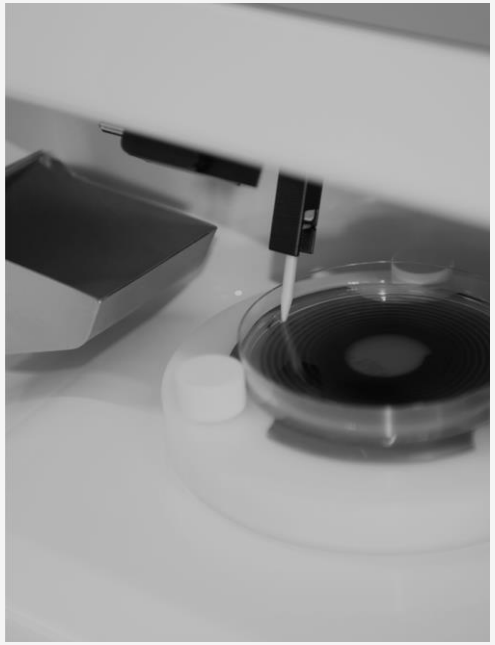
Sterile



Patented microsyringe











Fully validated

ISO 7218/ AOAC 977.27/ FDA (BAM Ch.3).


Sample
Sample preparation
Inoculation
Counting
Result

Magnification x2



DOT

Manual Colony Counter

- High quality magnification
- Pointer technology
- Import colony counts to PC by USB
- Adaptable on any Petri dish
- Scalable lighting intensities

Magnification x2.25

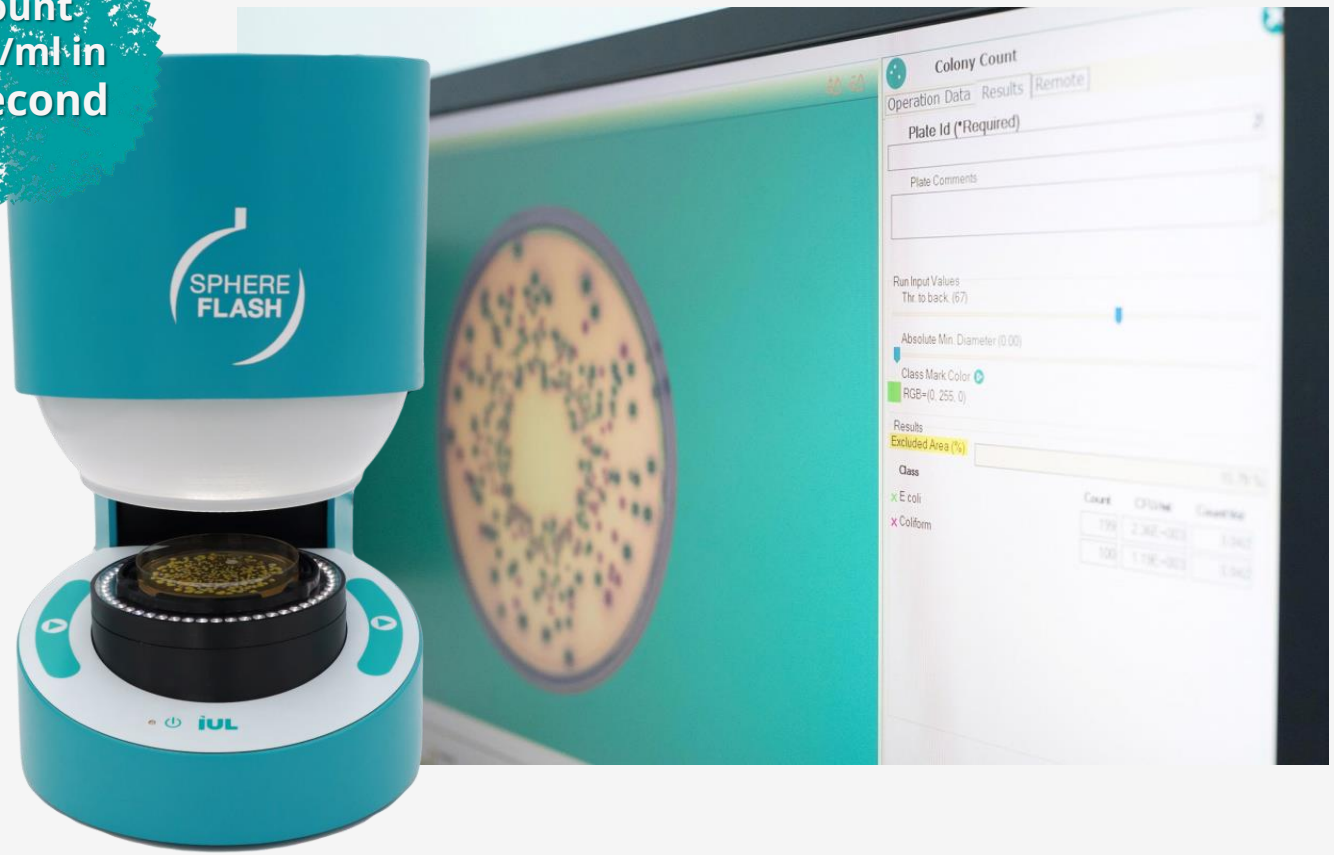


- High Resolution
- No parallax error
- Clear display of results

Haloes Caliper

Inhibition zone measurement

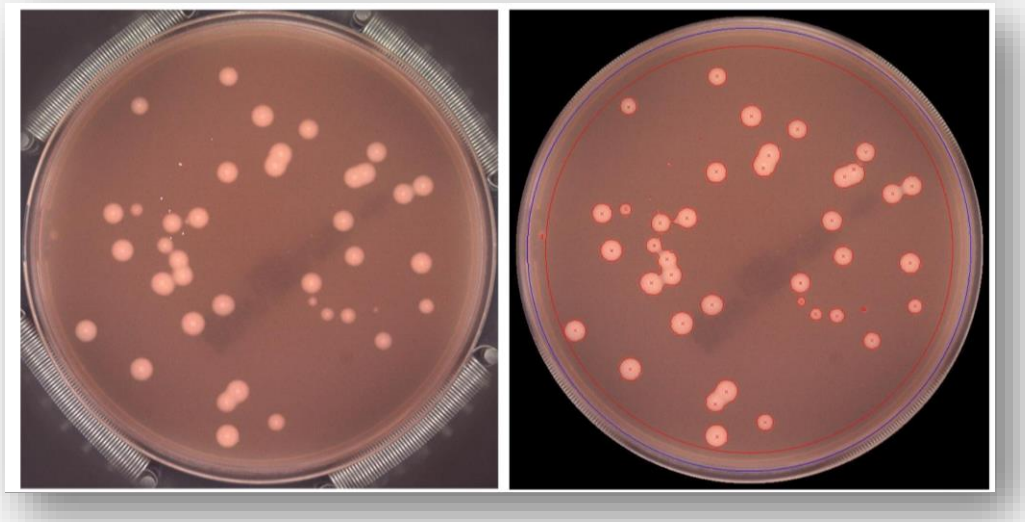
Count CFU/ml in 1 second

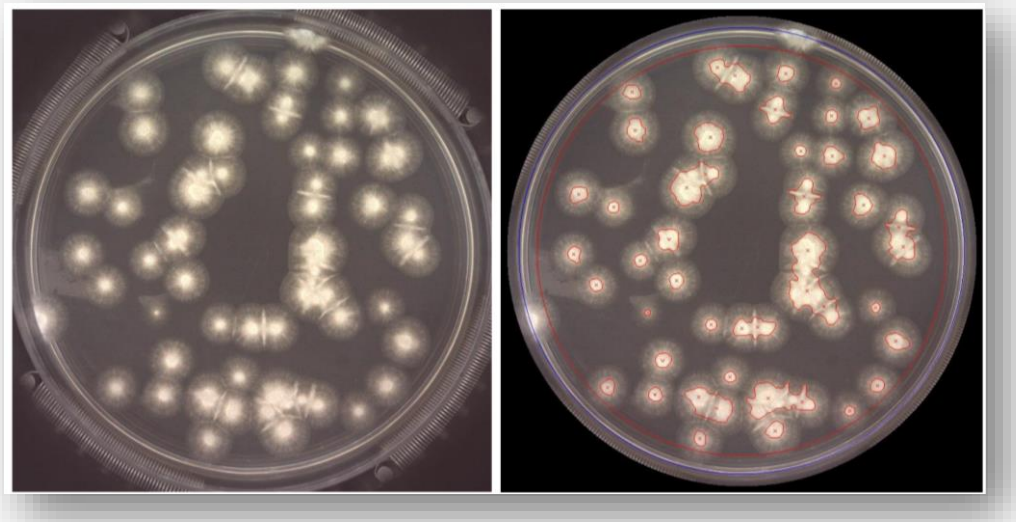


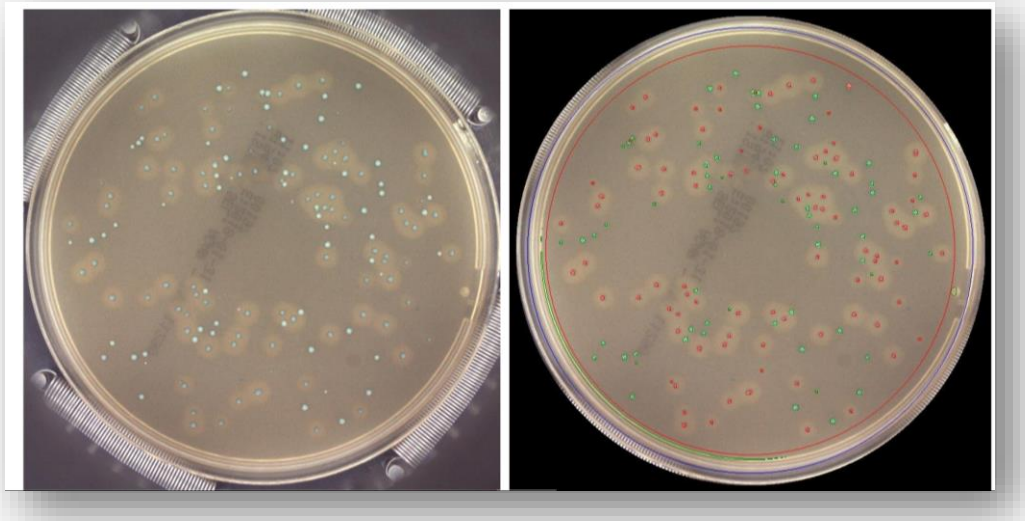
- Reflection-free Illumination
- Accuracy of counting
- World-class Software
- Statistical report
- High resolution
- Audit Trail & User Management (21 CFR Part II)

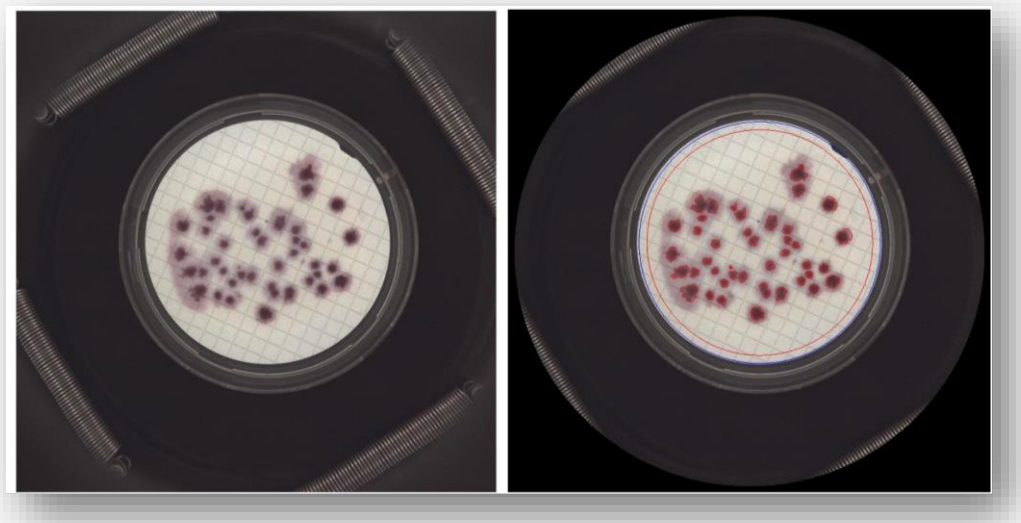
SphereFlash®

Automatic Colony Counter

















Adaptable to ≠ diameters







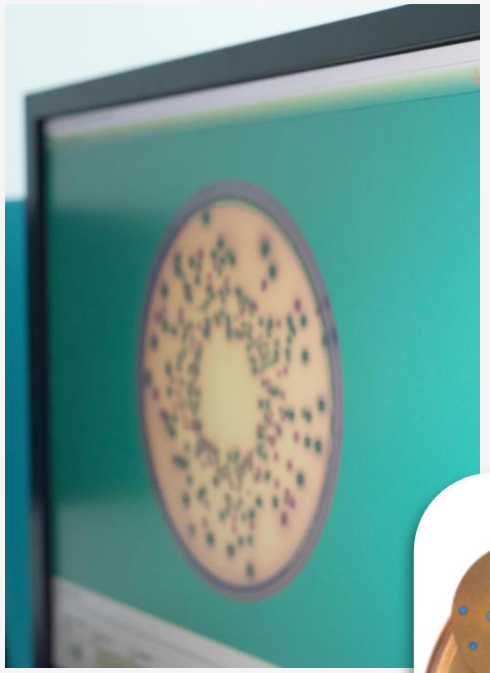




Easy









Accuracy







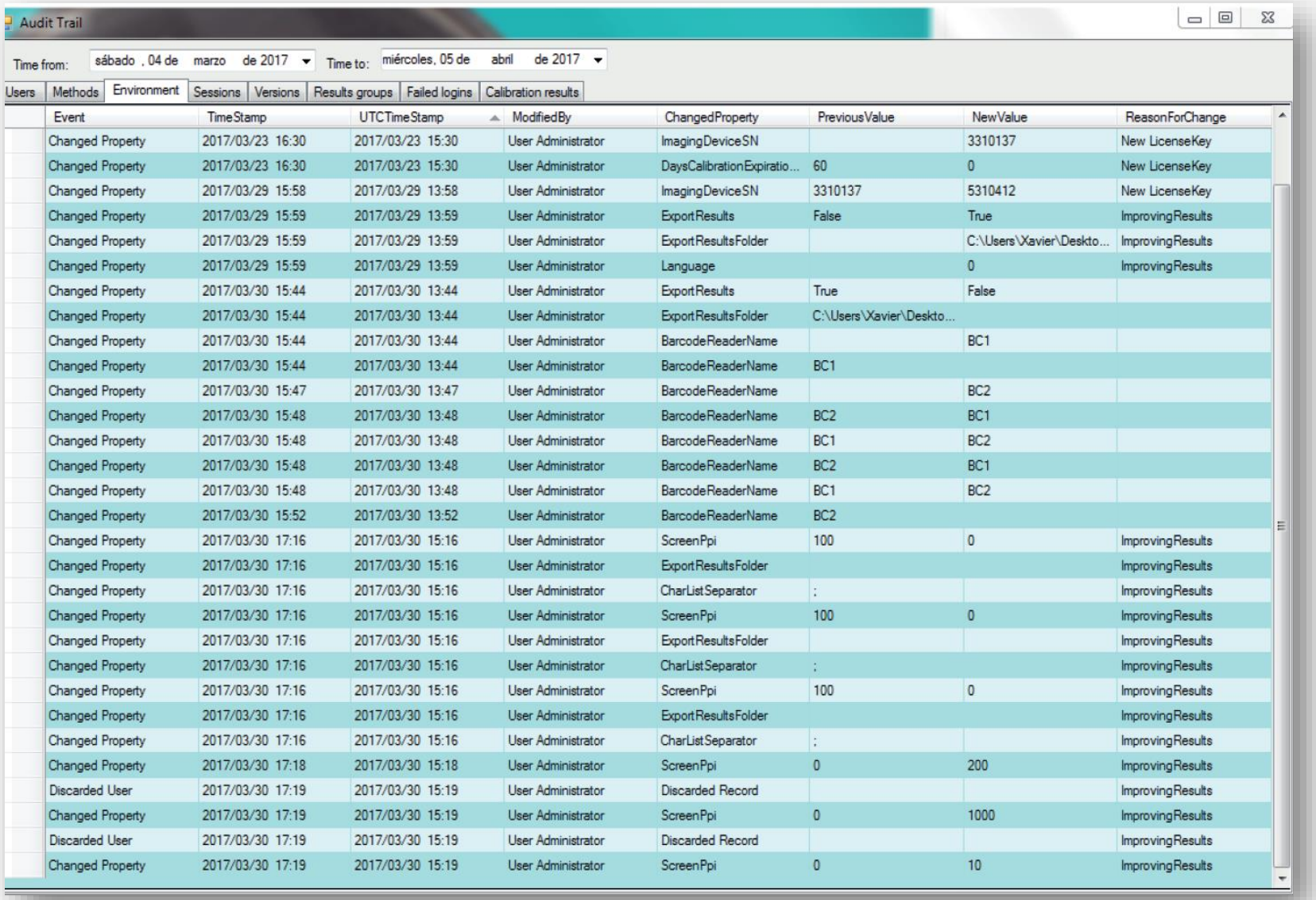




Reflection-free illumination



Patented Spherical chamber



Event	TimeStamp	UTCTimeStamp	ModifiedBy	ChangedProperty	PreviousValue	NewValue	ReasonForChange
Changed Property	2017/03/23 16:30	2017/03/23 15:30	User Administrator	ImagingDeviceSN		3310137	New LicenseKey
Changed Property	2017/03/23 16:30	2017/03/23 15:30	User Administrator	DaysCalibrationExpiratio...	60	0	New LicenseKey
Changed Property	2017/03/29 15:58	2017/03/29 13:58	User Administrator	ImagingDeviceSN	3310137	5310412	New LicenseKey
Changed Property	2017/03/29 15:59	2017/03/29 13:59	User Administrator	ExportResults	False	True	ImprovingResults
Changed Property	2017/03/29 15:59	2017/03/29 13:59	User Administrator	ExportResultsFolder		C:\Users\Xavier\Deskto...	ImprovingResults
Changed Property	2017/03/29 15:59	2017/03/29 13:59	User Administrator	Language		0	ImprovingResults
Changed Property	2017/03/30 15:44	2017/03/30 13:44	User Administrator	ExportResults	True	False	
Changed Property	2017/03/30 15:44	2017/03/30 13:44	User Administrator	ExportResultsFolder	C:\Users\Xavier\Deskto...		
Changed Property	2017/03/30 15:44	2017/03/30 13:44	User Administrator	BarcodeReaderName		BC1	
Changed Property	2017/03/30 15:44	2017/03/30 13:44	User Administrator	BarcodeReaderName	BC1		
Changed Property	2017/03/30 15:47	2017/03/30 13:47	User Administrator	BarcodeReaderName		BC2	
Changed Property	2017/03/30 15:48	2017/03/30 13:48	User Administrator	BarcodeReaderName	BC2	BC1	
Changed Property	2017/03/30 15:48	2017/03/30 13:48	User Administrator	BarcodeReaderName	BC1	BC2	
Changed Property	2017/03/30 15:48	2017/03/30 13:48	User Administrator	BarcodeReaderName	BC2	BC1	
Changed Property	2017/03/30 15:48	2017/03/30 13:48	User Administrator	BarcodeReaderName	BC1	BC2	
Changed Property	2017/03/30 15:52	2017/03/30 13:52	User Administrator	BarcodeReaderName	BC2		
Changed Property	2017/03/30 17:16	2017/03/30 15:16	User Administrator	ScreenPpi	100	0	ImprovingResults
Changed Property	2017/03/30 17:16	2017/03/30 15:16	User Administrator	ExportResultsFolder			ImprovingResults
Changed Property	2017/03/30 17:16	2017/03/30 15:16	User Administrator	CharListSeparator	;		ImprovingResults
Changed Property	2017/03/30 17:16	2017/03/30 15:16	User Administrator	ScreenPpi	100	0	ImprovingResults
Changed Property	2017/03/30 17:16	2017/03/30 15:16	User Administrator	ExportResultsFolder			ImprovingResults
Changed Property	2017/03/30 17:16	2017/03/30 15:16	User Administrator	CharListSeparator	;		ImprovingResults
Changed Property	2017/03/30 17:16	2017/03/30 15:16	User Administrator	ScreenPpi	100	0	ImprovingResults
Changed Property	2017/03/30 17:16	2017/03/30 15:16	User Administrator	ExportResultsFolder			ImprovingResults
Changed Property	2017/03/30 17:16	2017/03/30 15:16	User Administrator	CharListSeparator	;		ImprovingResults
Changed Property	2017/03/30 17:18	2017/03/30 15:18	User Administrator	ScreenPpi	0	200	ImprovingResults
Discarded User	2017/03/30 17:19	2017/03/30 15:19	User Administrator	Discarded Record			ImprovingResults
Changed Property	2017/03/30 17:19	2017/03/30 15:19	User Administrator	ScreenPpi	0	1000	ImprovingResults
Discarded User	2017/03/30 17:19	2017/03/30 15:19	User Administrator	Discarded Record			ImprovingResults
Changed Property	2017/03/30 17:19	2017/03/30 15:19	User Administrator	ScreenPpi	0	10	ImprovingResults

SphereFlash®
Colony Count

Plate Id:	P02TC
Method:	TEMPLATE_Transmitted_Sharp
Date/Time:	2017/04/03 17:29:23
Operator:	Administrator
Results Group Id:	Demo Plates

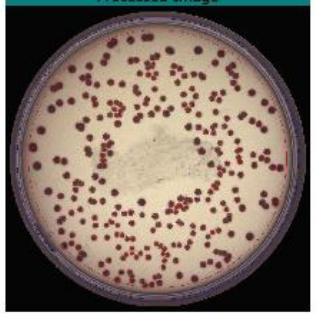
Inoculation mode:	Spread or Poured
Inoculated Volume(mL):	1
Dilution Factor:	10
Excluded Area:	15.79 %

ColonyClass	Mark Color	Count	Counted Volume(mL)	Result CFU/mL
Class 1	+	291	0.842	3.46E+03

Captured Image



Processed Image



Input Values
Thr. to back.:90; Plate Diameter (mm):85.0; Min Diameter (mm):0.3

Comments

SphereFlash®
Statistical Report

Printed by: S.A.T. 2021-04-22 15:05:32

Report title:	SphereFlash® Statistical Report

Statistical Results	
Size:	3
AVG:	2.64E+003
SD:	8.19E+002
CV (%):	31.05%

Document Number	Operator	Supervisor
	Signature Date	Signature Date

Plate Id	Counte	Dilution	Concen	Created	Counte	Comme	Inocula	Exclude	Method	Inocula	Colony	Results	Operat	Count F	Device	UTC Cr	Input V
X1POU01_Captured	201	10	2.64E+003	2021/03/17 16:23	0.760	<<Interactive changes have been made.>><<<Calibration is needed.>>	1	24.00	TEMPLATE_Sharp	Spread or Poured	Class 1	Count Results	S.A.T.	241		2021/03/17 15:23	25 ;85.0 ;0.3
P12TC	153	10	1.82E+003	2017/04/03 17:29	0.842		1	15.79	TEMPLATE_Transmitted_Sharp	Spread or Poured	Class 1	Demo Plates	Administrator	153		2017/04/03 15:29	90 ;85.0 ;0.3
P02TC	291	10	3.46E+003	2017/04/03 17:29	0.842		1	15.79	TEMPLATE_Transmitted_Sharp	Spread or Poured	Class 1	Demo Plates	Administrator	291		2017/04/03 15:29	90 ;85.0 ;0.3

Other automation instruments

Uses 100% of the Petri plate

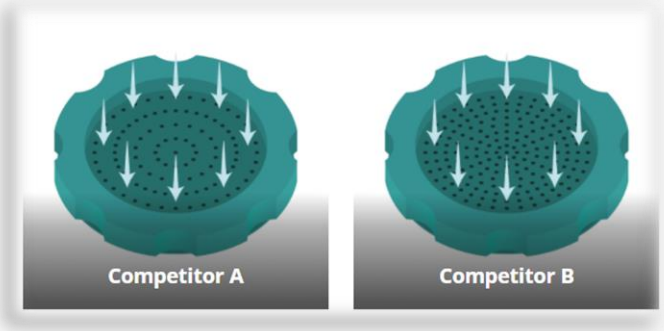


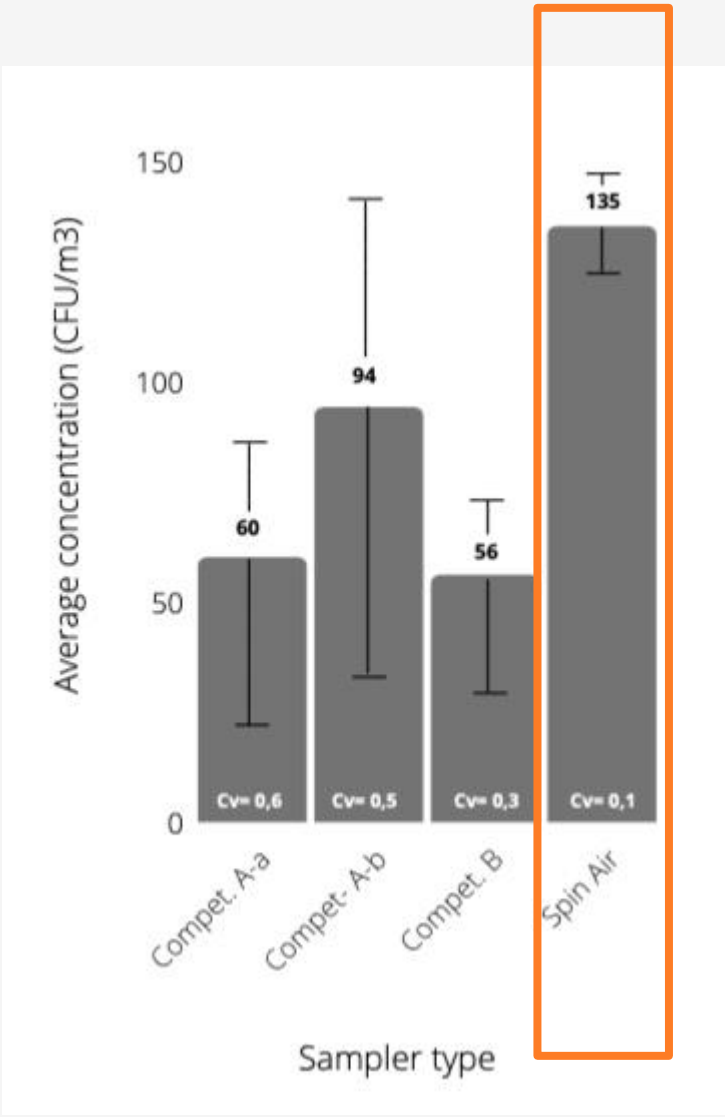
Spin Air

Air Sampler

- Unrivaled Spin Technology
- Full traceability
- Easy cleaning
- Easy sampling
- Regulatory compliance







Sanchez-Muñoz et al., *Analytical Methods* (2011)

Prevent cross-contamination



PolyStainer

Slide Stainer

- Walkaway Solution
- Unique design
- Staining Protocol Optimization



sales@iul-inst.com
+34 93 274 0232

IUL, SA – C/ Ciutat d'Asunción, 4 – 08030 Barcelona Spain