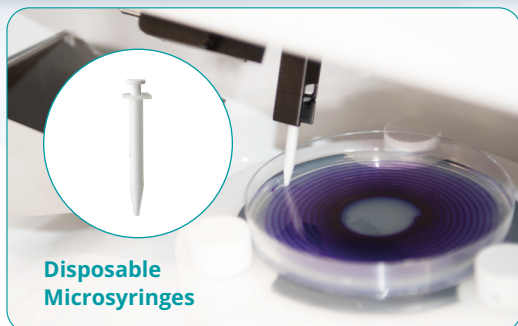


EDDY JET 2W

Spiral Plater

iUL

3 dilutions on a single plate



Allows compliance with:



ISO 7218

Product description

Eddy Jet 2W is a spiral plater that automates microbial plating by **combining dilution and spiral inoculation** in a single **30-second process**. Three dilution zones are produced on a single plate, removing the need for manual pipetting while reducing time, consumables, and waste.

Unlike conventional systems, Eddy Jet 2W is the only spiral plater equipped with **disposable sterile microsyringes**. This patented technology ensures sterility without washing, bleach, or internal fluid circuits. It eliminates **cross-contamination, reducing the risk of false positives**, while also minimizing false negatives caused by residues of cleaning agents or bleach carryover.

With fast setup, no cleaning, and easy touchscreen operation, the Eddy Jet 2W delivers high-throughput, reliable, and reproducible results, with the flexibility to adapt to irregular agar surfaces through slower plating or the use of leveling discs.



Sterility assurance

Patented microsyringes eliminate cross-contamination



Cost and time efficiency

3 dilutions on a single plate in 30 seconds



Flexible program control

Up to 37 inoculation modes (including logarithmic, linear, and uniform)



Full traceability

Printer and barcode connectivity

Seamlessly integrated into your microbiology workflow

1 Insert microsyringe box



2 Place plate and sample



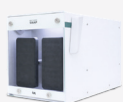
3 Set parameters and press Run



4 Remove the plate



Achieve reliable and representative samples using the **Masticator** paddle blender

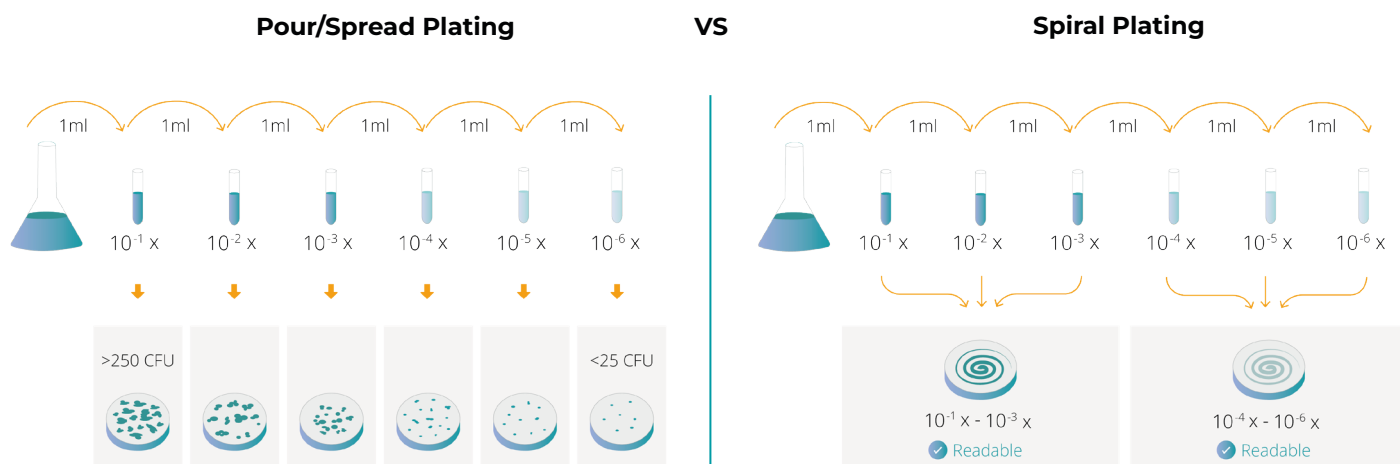


Automate colony counting with ease using the **SphereFlash®** Colony Counter



Traditional VS Spiral Plating

Traditional plating relies on multiple manual dilutions to obtain countable colonies, requiring several plates per sample and increasing labor, time, and consumables. On the other hand, spiral plating supports up to three dilutions on a single plate when using **logarithmic or linear distributions, and also provides uniform distribution** for an even, single concentration. This automated plating process reduces hands-on work, saves time, minimizes waste, and lowers variability and human error.



Technical specifications

Order number	Cat. 90003800
Plate compatibility	90 and 150 mm plates
Cycle time	~30 s per cycle
Number of plating methods	25 (90 mm), 37 (90 and 150 mm)
Reproducibility	99%
Inoculated sample volume	20 - 400 µL (depending on dispensing mode)
Number of plates per sample	up to 10 successive plates
Sample holder compatibility	Beakers (automatic sampling) and tubes (manual positioning)
Operator interface	7-inch color touchscreen
Traceability	Printer and barcode reader connectivity
Compliance	CE Marked; Allows compliance with ISO 7218
Equipment dimensions (L×W×H)	50.0 × 51.5 × 42.0 cm / 19.7 × 20.3 × 16.5 in
Net weight	20.0 kg / 44.0 lb
Package dimensions (L×W×H)	80.0 × 60.0 × 66.0 cm / 31.5 × 23.6 × 26.0 in
Gross weight	32.0 kg / 70.5 lb

Consumables



1000 disposable sterile microsyringes
(Capacity: 100 µL)

Cat. 90001780



1000 disposable sterile sample beakers
(Capacity: 5500 µL)

Cat. 90001790

Accessories



Plate for 150 mm Petri dishes

Cat. 90001715



Methacrylate top cover*

Cat. 900011588

*Allows accessories to be placed on top of Eddy Jet 2W to save space

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For more information about **Eddy Jet 2W** scan the QR code

