

# EDDY JET 2W

## Spiral Plater

### Product Overview

The ultimate plating instrument for the spiral inoculation technique, using disposable micro syringes. Consists of distributing the liquid sample on the agar in an exponential or logarithmic decreasing manner from the center to the periphery.

**Eddy Jet 2W reduces cost per test, hands on time, and consumable use** during bacterial enumeration while increasing a microbiology lab's productivity.

This cutting edge spiral plater automates, standardizes and streamlines plate inoculations with its **patented cross-contamination free technology**. Microsyringes confer the system unique, unmatched advantages that make it a bestseller. The user interface is **very intuitive** and there are no setup times.



### Main benefits

#### Sterility

An exclusive microsyringe technology allows for genuine sampling sterility.

#### Mechanics

Stepper Microcontroller motors regulate the instrument's high precision microsyringe liquid dispensing.

#### Simplicity

Intuitive User Interface  
PLUG & PLATE

#### Connectivity

It can be connected to a barcode reader and a printer in order to provide plate traceability.

#### Fully validated

Spiral plating is a fully validated Microbiological method, see: ISO 7218/ AOAC 977.27/ FDA (BAM Ch.3).

#### User Friendly

7" capacitive touch screen, reversible icons layout, custom protocols.

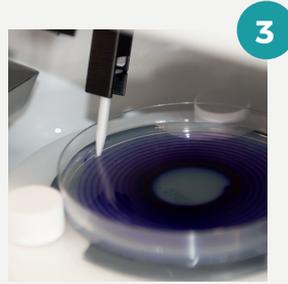
## Workflow



Eddy Jet 2W grabs a **brand new sterile syringe**.



The syringe takes the liquid sample from an irradiated sample beaker.



As the agar plate spins, the syringe automatically dispenses accurate volumes of sample over the plate drawing a spiral with the loaded sample.



Eddy Jet 2W gets rid of the sample-contaminated syringe.

## Accessories and Disposables

- 1000 Y-irradiated Microsyringes  
CAT. No. 90001780
- 1000 Y-irradiated Sample Beakers  
CAT. No. 90001790
- Plate for 15 cm Petri Dishes  
CAT. No. 90001715
- Holder for sample beaker box  
CAT. No. 90001949
- Holder for Microsyringe box  
CAT. No. 900011275
- Sampling Holder for Beakers  
CAT. No. 90001974

## IUL's patented syringe method

When IUL released Eddy Jet 1, in 1998, a revolutionary approach to spiral plating was achieved by implementing disposable microsyringes to perform sample spreading.

IUL's **world patented microsyringes** prevent any cross-contamination from taking place making Eddy Jet 2W the spiral spreader with the highest sensitivity.

Also, Electron Beam microsyringe sterilization makes cleaning cycles unnecessary, saving large amounts of time.

Unlike other spiral plating devices, Eddy Jet 2W doesn't require for bleach disinfection. Implying that no leftover bleach may affect sample bacteria, avoiding false negative results. Thus, Eddy Jet 2W offers labs the **highest specificity available in the market**.

## Technical Specifications

<b>Reproducibility</b>	> 99%
<b>Time for a full cycle</b>	30 s (disposable syringes make disinfection unnecessary)
<b>Spreading modes stored</b>	25 spread modes (37 counting those for 150mm Petri plates)
<b>Petri plate diameters</b>	90 and 150 mm
<b>Minimum step volume</b>	< 10 nl
<b>Maximum pipeted volume</b>	100 µl
<b>Touch screen</b>	7 in
<b>Dimensions (WxHxD)</b>	51.5 x 42 x 50 cm / 20.3 x 16.5 x 19.7 in
<b>Weight</b>	20 Kg / 44 lb.
<b>Motion control</b>	3 Microcontroller-regulated stepper motors



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



For more information visit us at  
**iul-instruments.com**

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