

## TECHNICAL DATA

Plunger syringe motor:	Step by step, 7.5°, 9 W
Turn table motor:	Step by step, 7.5°, 9 W
Radial displacement motor:	Step by step, 7.5°, 9 W
Maximum syringe volume:	100 µl
Maximum flow rate:	50 µl / sec
Minimum step volume:	< 0.1 µl
Syringe material:	polypropylene
Plunger material:	polyethylene H.D.
Reproducibility:	less than 1% error
Spreading modes stored:	all the accepted
Autochecking:	programmed in regions
External balance connection:	serial RS232
Printer connection:	serial RS232
Mains:	100/240 V, 50/60 Hz
Power:	440 W
Dimensions: (WxHxD)	50X32X40 cm. 19.7x12.6x16.1 in.
Weight:	20 Kg. / 44 lb.

Specifications subject to change without notice

## ORDERING INFORMATION

### Cat. No.

Eddy Jet automatic plater for spiral spreading with all programs installed.  
Complete with 1000 syringes and 1000 sample cups.

1700

Specify mains required (the Cat. No. may change)

## OPTIONAL ACCESSORIES

### Cat. No.

Plate for 15 cm Petri dishes

1715

## CONSUMABLES

### Cat. No.

Syringes. Pack of 1000 in boxes of 10 for the use with the automatic feeder.

1780

Cups. Pack of 1000 disposable. 1790

Syringes and cups are irradiated with gamma-rays.



### Contact us in internet.

To see how the instruments works in a multimedia demonstration, to buy instruments, accessories or consumables on-line visit our web page:

**[www.iul-inst.com](http://www.iul-inst.com)**

The IUL instrument owners who are registered in our web will have access to extra services like example of microbiology applications with our instruments, software updates, direct technical service and more.



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Information



**EDDY JET**



[www.iul-inst.com](http://www.iul-inst.com)

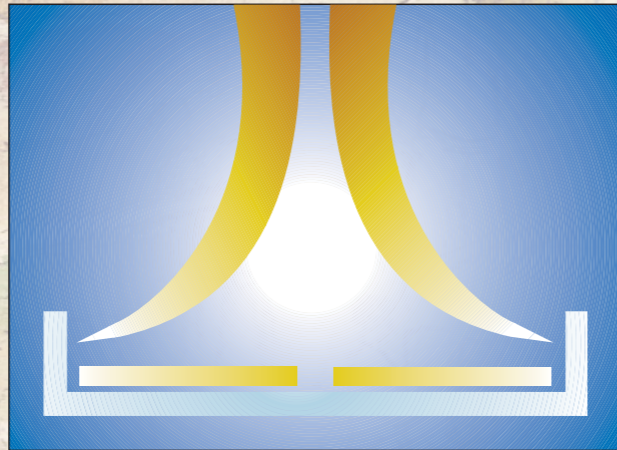


### Disposable micro-syringe

World wide patented system to eliminate forever the mistrust in the classical spiral spreading instruments. Each sample remains during the whole process inside the disposable micro-syringe.

### Fundamentals

The principle of the spiral method is to spread the sample at a decreasing rate in an Archimedes spiral. The objective of this method is to cover one thousand fold dilution range on a single plate reducing the number of serial dilutions and plates required.



### Connectivity and use of the information

The EDDY JET has stored in its memory all of the corresponding dilution functions used by all the other spiral spreading inoculating systems. The validation used for any other instrument can be performed directly by the Eddy Jet.

The EDDY JET takes a new micro-syringe

Takes the sample carrying out a purge cycle to avoid air bubbles

The instrument performs the selected spreading procedure

The used micro-syringe is rejected. The EDDY JET is ready for next sample.

