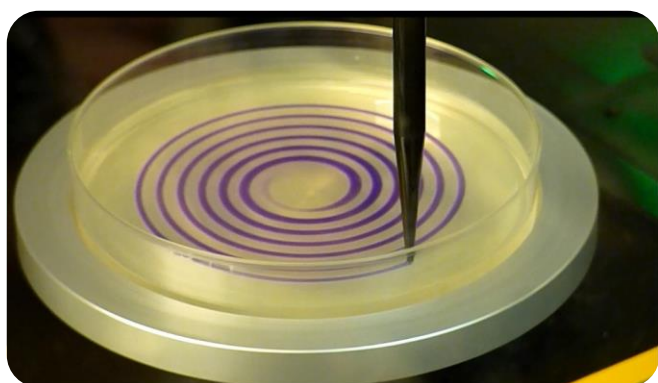


PetriPlater™: Petri-dish spiral plating and streaking on Tecan robots

Based on Tecan Freedom EVO®

The PetriPlater™ is an add-on device and software for Tecan robots. The product enables fully automated sample inoculation on Petri-dish using both "spiral plating" and "spiral streaking" methods. This add-on integrated on a Tecan robot provide affordable high-throughput solution. The PetriPlater™ can be easily integrated with upstream liquid-handling, serial dilution and colony-picking tasks and provide powerful automated solution for Petri-dish inoculation.

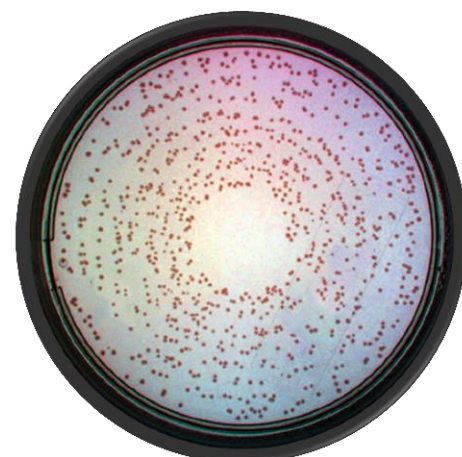
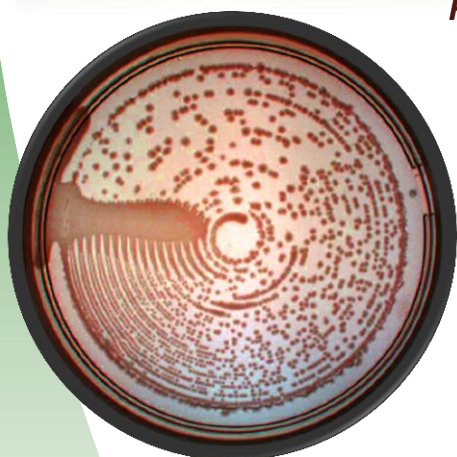


Applications:

- Food QC- serial dilution and spiral plating for counting
- Cloning and molecular biology
- Microbial identification
- Streaking and isolation

Features and Benefits:

- **Automatic** – fully automated unattended mode .
- **Flexible** – user control sample volume , spiral density, dilution pattern.
- **Affordable**- can be set on Evo75 single tip system. Both fixed and disposable tips may be used.
- **2 in 1** - Both Spiral plating and streaking in one device.



Spiral Streaking

Spiral streaking is used for achieving colony isolation from high-concentration microbial cultures. Sample is spread on the Petridish radius and streaked in a spiral pattern to achieve isolation. The method uses standard robot disposable tips. Liquid samples can be taken from any type of container tubes or plates. Integrated with Pickolo colony-picker the sample can be taken from another Petridish as well. The PetriPlater™ is an excellent for automatic streaking of blood, urine samples as well as many other types of samples.

Spiral plating

Spiral plating is used for plating liquid samples over the agar surface in standardized and repeatable manner. The user may flexibly control the sample volume and density of inoculation. The PetriPlater™ is an excellent solution for microbiology labs in the food, cosmetics and pharma industries.

