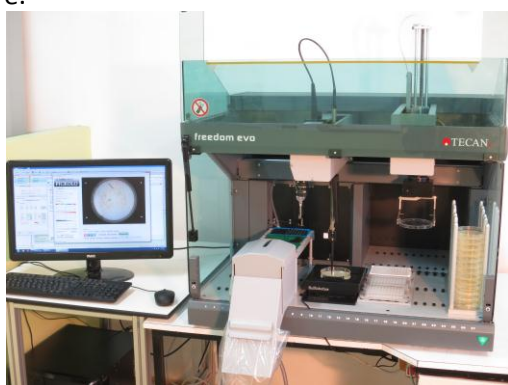


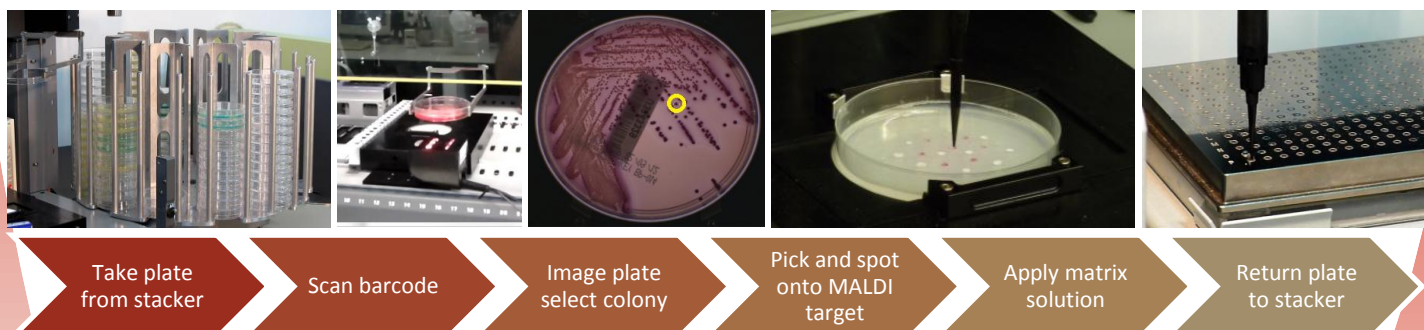
## Pickolo-MI™: Robotic Sample Preparation for MALDI-TOF Microbial Identification

*Based on Tecan Freedom EVO® and SciRobotics Pickolo™.*

MALDI-TOF Mass-spectrometry is becoming the leading method for microbial identifications in clinical and food labs based on technologies such as Bruker's Biotyper and Vitek-MS. The Pickolo-MI™ introduced by SciRobotics Ltd. is providing a state of the art automated solution for sample preparation for MALDI-TOF Microbial identification. The solution is based on the powerful liquid handling robotic platform by Tecan and SciRobotics' colony-picking add-on, the Pickolo™. The Pickolo-MI™ benefits our customers with reduced lab effort, prevention of human errors, comprehensive sample tracking, image documentation and automatic reporting and file generation for the BioTyper software.



### Workflow:



### Features:

- **Automatic** – fully automated unattended mode
- **Interactive** – user may interactively click on image to select colonies
- **Direct smearing** – colony is smeared directly on MALDI target using disposable tip
- **Smart algorithm** – specifically designed for automatic colony selection for MALDI
- **Sample tracking** – samples are automatically assigned to spots using a barcode reader
- **Friendly interface** – for easy operation and progress tracking
- **Documentation** – easy review of plate and colony images from previous runs
- **MALDI Analyzer** – both Bruker's Biotyper and Vitek-MS formats supported
- **Reports** – generate excel reports and sample file for Bruker's Biotyper



Watch the Pickolo-MI™ in action at [www.scirobotics.com](http://www.scirobotics.com)  
for details: [info@scirobotics.com](mailto:info@scirobotics.com)

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