



MALDI Biotyper®

# MBT Galaxy® System

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The smart choice for perfect matrix deposition every time

Innovation with Integrity

## Features and benefits

- Automated matrix and formic acid droplet deposition onto the MALDI target plate: Consistent quality leading to reliable results
- Precise and contactless droplet dispensing: No consumption of pipette tips, reducing waste and eliminating contamination concerns
- Automated onboard barcode reading of the MALDI target plate: Instant link between barcode and worklist for seamless project setup and improved workflow traceability
- Controlled humidity conditions: Optimized matrix crystallization
- Touch screen control: Intuitive interface for easy operation and control of the system
- Benchtop solution: Requires minimal lab space

## Say goodbye to manual pipetting

Spare yourself the time-consuming task of pipetting!

The MBT Galaxy automatically applies the required amount of matrix solution onto the MALDI target plate with precision and accuracy, ensuring consistent sample preparation. The system can also perform formic acid deposition on the MALDI target plate, which is required for some types of MALDI experiments, such as identification of yeast.

## Seamless integration, flawless operation

MBT Galaxy's onboard barcode reading instantly links the barcode data to worklist information, reducing manual input. MBT Compass (HT) integration further simplifies the process, allowing seamless sample preparation layout loading. The touch screen interface ensures intuitive control, making every operation a breeze.

## Standardized sample preparation quality

Experience uniform, homogeneous sample preparation results through contactless automated droplet dispensing. The MBT Galaxy supports various standard procedures, including Direct Transfer (DT), Extraction (EX), and Extended Direct Transfer (eDT) MALDI Biotyper methods. Controlled humidity conditions optimize matrix crystallization while preventing solvent evaporation into the lab.

## What more?

Increase confidence and eliminate uncertainties with automated barcode scanning and worklist upload. Minimize the risk of sample mix-up and ensure accurate data association. The MBT Galaxy's precision deposition eliminates contamination concerns, allowing you to proceed confidently.

## Technical specifications

Compatible with all Bruker barcoded disposable and reusable MALDI Biotyper target plates

L x W x H:  
500 mm x 530 mm x 480 mm /  
19.7" x 20.9" x 18.9"  
Weight: 40 kg / 89 lb net weight  
Operating system: Windows 10

## Order information

### MBT Galaxy System

Part No. 1821269

### MBT Galaxy HCCA Matrix GPR

Part No. 1823405

10 tubes of 7.5 mg purified HCCA, each tube is sufficient for 500 spots



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[bruker.com/microbiology](https://bruker.com/microbiology)

