

IVD



## MALDI Biotyper<sup>®</sup> Workflow Optimization

- Taking your microorganism identification workflow to a next level



# Reduce the workload

## Improve your daily efficiency in the lab

With an increasing number of samples demanding microbial identification, workflow optimization becomes more and more important in the routine microbiology lab. Over the last decade, the MALDI Biotyper has clearly revolutionized the way microorganism identification is performed, offering an easy, robust, reliable and cost-effective solution.

However, easy can never be easy enough? With the MALDI Biotyper user in mind, Bruker has developed clever consumables and accessories simplifying routine work while ensuring the highest preparation quality and complete traceability in a paperless workflow.

### Consumables & Accessories optimizing microbial identification workflows

- **MBT Biotarget 96** – Disposable MALDI targets for efficient sample handling, saving labor and time in the microbiology laboratory
- **MBT Compass IVD Satellite Module** – Allowing a paperless sample preparation workflow on each lab bench
- **MBT Pilot** – Optically guided stress-free transfer of sample to MALDI target
- **MBT Galaxy** – Efficiently completing the workflow through the automated application of HCCA matrix and formic acid

# Barcode driven workflow – Simplicity, Traceability and Confidence



## MBT Biotarget 96

- Disposable MALDI target plates for efficient sample handling
- Unique barcode supports full traceability
- 96 sample position format providing high flexibility in sample run sizes
- Every sample position can be used, no wasted spots
- AnchorChip™ effect concentrates liquids for facilitated preparation



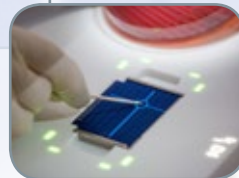
## MBT Compass IVD Satellite Module – for convenient sample preparation on the work benches

- For project creation and set-up of corresponding workinglists on the individual work benches
- Reading the barcode of the prepared target subsequently assures the use of the correct worklist when analyzing the samples on the MALDI Biotyper
- Also optionally available pre-installed on a tablet-PC (Display 9.7).



### MBT Pilot – guiding you to the next available spot

- For optically guided manual target preparation based on micro-projection technology - no laser reflection
- Cross hairs automatically indicate the next position for preparation
- Runs are set-up on the individual work benches with the MBT Compass IVD Satellite Module which supports barcode data-entry, enabling a fully traceable and paperless process
- Compatible with all Bruker barcoded disposable and reusable MALDI target plates
- Ergonomic design for ease of use



### MBT Galaxy - for automated application of matrix and formic acid

- Frees laboratory personnel from cumbersome pipetting involving repetitive, sustained movement
- Automated formic acid / matrix preparation by contact-free pipetting
  - No carry-over
  - No pipette tips, less waste
- Ensures highest preparation quality by control of:
  - Droplet volume
  - Drying atmosphere
  - Quality of matrix preparation
- Onboard barcode reading automatically loads the worklist from the MALDI Biotyper server
- Improves traceability in a paperless workflow



# Order information

MBT Biotarget 96	Part No 1839298
MSP Adapter for MBT Biotarget 96	Part No 8267615
Transport boxes for MBT Biotarget 96	Part No 8270006
MBT Compass IVD Satellite Module	Part No 1834056
MBT Compass IVD Satellite Module Add License	Part No 1836419
MBT Compass IVD Satellite Tablet	Part No 1836421
MBT Compass IVD	Part No 1832771
MBT Pilot	Part No 1836006

## MBT Pilot - Dimensions & Operating Parameters

LxWxH:	250 x 409 x 282 mm
Weight:	3.5 kg net weight
Operating Temp Range:	15-30 °C
Operating Humidity:	15-80% non-condensing @ 30 °C
Software:	MBT Compass IVD with MBT Compass IVD Satellite Module

MBT Galaxy	Part No 1836007
MBT Galaxy HCCA Matrix IVD	Part No 1827419

## MBT Galaxy - Dimensions & Operating Parameters

LxWxH:	500 x 526 x 830 mm
Weight:	40 kg net weight
Operating Temp Range:	15-30 °C
Operating Humidity:	15-80% non-condensing @ 30 °C
Software:	MBT Compass IVD



Please contact your local representative for availability in your country.  
Not for sale in the USA.

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