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MALDI Biotyper[®] Workflow Optimization

- Taking your microorganism identification workflow to a next level

For research use only. Not for use in clinical diagnostic procedures.



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 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



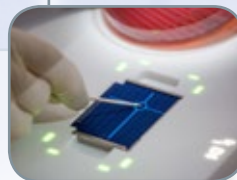
MBT Compass Satellite Module – for convenient sample preparation on the work benches

- For project creation and setup of corresponding work list on the individual work benches
- Reading the barcode of the prepared target subsequently assures the use of the correct work list 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 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 work list from the MALDI Biotyper server
- Improves traceability in a paperless workflow



Order information

MBT Biotarget 96	Part No 1840375
MSP Adapter for MBT Biotarget 96	Part No 8267615
Transport boxes for MBT Biotarget 96	Part No 8270006

MBT Compass Satellite Module	Part No 1828667
MBT Compass Satellite Module Add License	Part No 1836424
MBT Compass Satellite Tablet	Part No 1828642

MBT Pilot	Part No 1822041
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MBT Pilot - Dimensions & Operating Parameters

LxWxH:	250 x 409 x 282 mm / 9.9 x 16.1 x 11.1 in
Weight:	3.5 kg / 7.8 lb net weight
Operating Temp Range:	15-30 °C (50 to 86°F)
Operating Humidity:	15-80% non-condensing @ 30 °C (86°F)
Software:	MBT Compass with MBT Compass Satellite Module

MBT Galaxy	Part No 1821269
MBT Galaxy HCCA Matrix	Part No 1823405

MBT Galaxy - Dimensions & Operating Parameters

LxWxH:	500 x 526 x 830 mm / 19.7 x 20.7 x 32.7 in
Weight:	40 kg / 89 lb net weight
Operating Temp Range:	15-30 °C (50 to 86°F)
Operating Humidity:	15-80% non-condensing @ 30 °C (86°F)
Software:	MBT Compass



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Any clinical diagnostic use is at the user's own risk and responsibility.

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