

US-IVD



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

- Taking your microorganism identification workflow to a next level

A photograph showing several stacks of petri dishes filled with orange agar, arranged on a blue surface. The dishes are stacked in a way that creates a sense of depth and repetition.

# 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 US IVD** – Disposable MALDI targets for efficient sample handling, saving labor and time in the microbiology laboratory
- **MALDI Biotyper CA RTC-Client** – Allowing a paperless sample preparation workflow on each laboratory 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 US IVD

- Disposable MALDI target plates for efficient sample handling
- Unique barcode supports full traceability
- 96 sample position format provides high flexibility in sample run sizes
- Every sample position can be used, avoiding wasted spots
- AnchorChip™ effect concentrates liquids for facilitated preparation

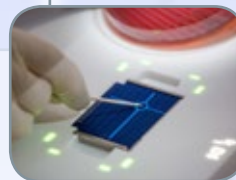
## MALDI Biotyper CA RTC-Client – for convenient sample preparation on the work benches

- For project creation and set-up 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



### 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 MALDI Biotyper CA RTC-Client software 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 US IVD	Part No 1840380
MSP Adapter for MBT Biotarget 96	Part No 8267615
Transport boxes for MBT Biotarget 96	Part No 8270006

MALDI Biotyper CA 3.2 RTC-Client	Part No 8282588
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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 to 30°C (50 to 86°F)
Operating Humidity:	15-80% non-condensing @ 30°C (86°F)
Software:	MALDI Biotyper CA 3.2 RTC-Client

MBT Galaxy	Part No 1821269
US IVD HCCA portioned for MBT Galaxy	Part No 1852132

## 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 to 30°C (50 to 86°F)
Operating Humidity:	15-80% non-condensing @ 30°C (86°F)



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