MALDI Biotyper®

MBT Pilot®

Your guiding light for sample preparation

Innovation with Integrity

Features and benefits

- Stress-free sample deposition: MBT Pilot provides optical guidance, ensuring hassle-free and precise sample deposition on your MALDI sample plate.

- Next free position projection: With guidance based on projection, MBT Pilot indicates the exact next free position on your MALDI sample plate. No more confusion or misplaced samples.

- Convenient help text: MBT Pilot projects helpful text directly above the MALDI sample plate, providing real-time assistance.

- Seamless integration: Connect multiple MBT Pilot systems to one central MALDI Biotyper IVD system. Enjoy effortless scalability and enhanced efficiency in your laboratory workflow.

- Streamlined work list upload: Save time and eliminate errors with a barcode-driven work list upload. Simply scan the barcode to upload your MALDI Biotyper work list and get started instantly.

- Paperless traceability: Say goodbye to cumbersome paperwork. MBT Pilot assists with paperless traceability, ensuring accurate record-keeping and easy retrieval of sample information.

IVD

MBT Pilot – Why not make your life easier?

The MBT Pilot facilitates accurate sample positioning through optically guided MALDI target preparation. Identification runs are set up with the MBT Compass (HT) IVD software which supports barcode data entry, enabling a fully traceable and paperless microbial identification.

Always hit the right spot

Whether samples are prepared next to the MALDI Biotyper, or on dedicated lab benches, every sample preparation bench benefits from an MBT Pilot.

Using safe microprojection, the next free sample position on the MALDI sample plate is indicated, guiding the user during transfer of the microorganism samples. A crosshair is projected onto the MALDI sample plate, circling the next free position - without a disturbing glare. The spot coordinates are projected directly above the MALDI sample plate.

Effortless and paperless traceability

In the lab, traceability is key. With MBT Pilot, this process becomes a breeze. Just scan the barcode of your MALDI sample plate, and an analysis project for microbial identification is instantly created. This barcode becomes the gateway to all project-related data. MBT Pilot takes the guesswork out of sample placement but it doesn't stop there! When you scan the sample barcode, it automatically links the sample information with the corresponding plate position. Effortless and error-free data association achieved!

Fill your MALDI sample plate incrementally, as you go, matching the size of your sample run. MBT Pilot adapts to your needs, providing flexibility and convenience in your microorganism identification workflow.

Once your samples are prepared, it's time to upload the corresponding work list for analysis. Simply scan the barcode on the MALDI sample plate at the MALDI Biotyper, and watch as the work list magically appears. No manual entry, no transcription errors. It's all there, effortlessly.

The assistant wanted at every lab bench

Got distracted and forgot which sample position to use next? Let the MBT Pilot keep you on the right track!

With its slim design, the MBT Pilot fits on every lab bench.

Technical specifications

Compatible with identification workflows using Bruker barcoded disposable and reusable MALDI Biotyper target plates

L x W x H:
400 x 260 x 285 mm / 15.7″ x 10.2″ x 11.2″

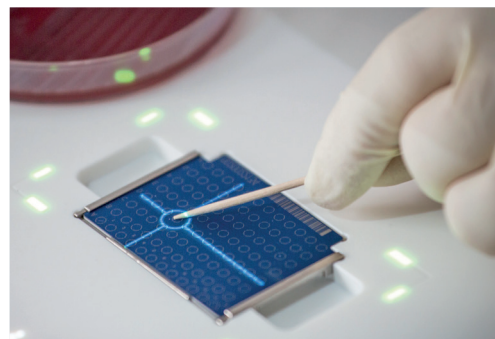Weight: 3.5 kg (7.8 lb) net weight

Operating system: Windows 10

Order information

MBT Pilot
Part No. 1836006

Additional licenses of MBT Compass (HT) IVD Client need to be ordered in case more than one MBT Pilot will be installed to assist your MALDI Biotyper workflow.

CE IVD

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