SCiLS™ autopilot

MALDI Imaging made simple

Streamlined software workflows facilitate measurement set-ups for robust results

MALDI Imaging as an untargeted and label-free approach offers unique value for researchers for which spatial localization of biomolecules in tissue sections adds important contextual information. While the information derived from MALDI Imaging is comprehensive, the level of expertise needed to run the workflow doesn't have to be.

SCiLS autopilot provides a simple and controlled way to set-up MALDI Imaging measurements for reliable and robust data acquisitions irrespective of user experience.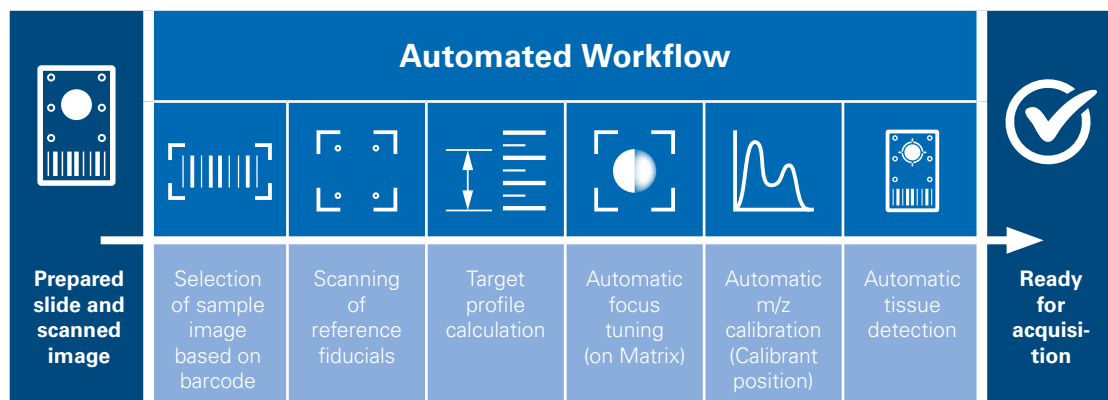 With only a few mouse clicks, the intuitive autopilot guides the user through the measurement set-up and controls system initialization to ensure the instrument is properly prepared for providing consistent and reliable results, every time.

Solutions for everybody

Based on Bruker's IntelliSlides™, measurements are now trackable by reference barcodes. The automated workflow significantly reduces the need for user input which saves time and enhances the robustness of the approach. SCiLS autopilot simplifies MALDI Imaging making the technology even more attractive for routine applications for users with a broad spectrum of MALDI Imaging experience.

Innovation with Integrity

MALDI Imaging

SCiLS™ autopilot

Increased reliability through automated workflows

Automated Workflow

| Prepared slide and scanned image | Selection of sample image based on barcode | Scanning of reference fiducials | Target profile calculation | Automatic focus tuning (on Matrix) | Automatic m/z calibration (Calibrant position) | Automatic tissue detection | Ready for acquisition |

Features and benefits

- Sample tracking based on permanently inscribed barcode
- Total time required for measurement set-up just 5 min
- Easy operation that limits user input to a few key parameters
- Automatic tissue detection

- Increased reliability and robustness due to less user introduced errors
- Integrated IntelliSlide workflow for automatic registration of reference fiducials
- Automated algorithms for controlled instrument performance

Order Information

For rapifleX customers without flexImaging 6.0

- rapifleX Imaging Automation Kit (Win 10 systems), Part No. 1883868
- rapifleX Imaging Automation Kit Win10 upgrade, Part No. 1883869

Note: flexImaging 6.0 is included in Compass 2.1 Flex series, automatically delivered for new sales. Win 10 upgrade is only required for customers with existing Win 7 systems.

For timsTOF fleX customers without flexImaging 7.0

- SpatialOMx Starter Kit (timsTOF fleX), Part No. 1871431

(Current customers have 1873199 SW-Package Compass 3.1 timsTOF fleX and need 1887953 SW-Package Compass 2022 timsTOF series)

Individual Components	Part-No.	
	rapifleX	**timsTOF fleX**
Optical Scanner	1846968	1846968
flexImaging 6.0	1878755	
flexImaging 7.0 license		1888939
SW licence Compass 2.1 Flex series	1879635	
SW Package Compass 2022 timsTOF series		1887953
IntelliSlides	1868957	1868957
fleXmatrix for Lipid Imaging	1869371	1869371

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