

Introducing

Autof MS1000 MALDI-TOF MS

HIMEDIA

For Life is Precious



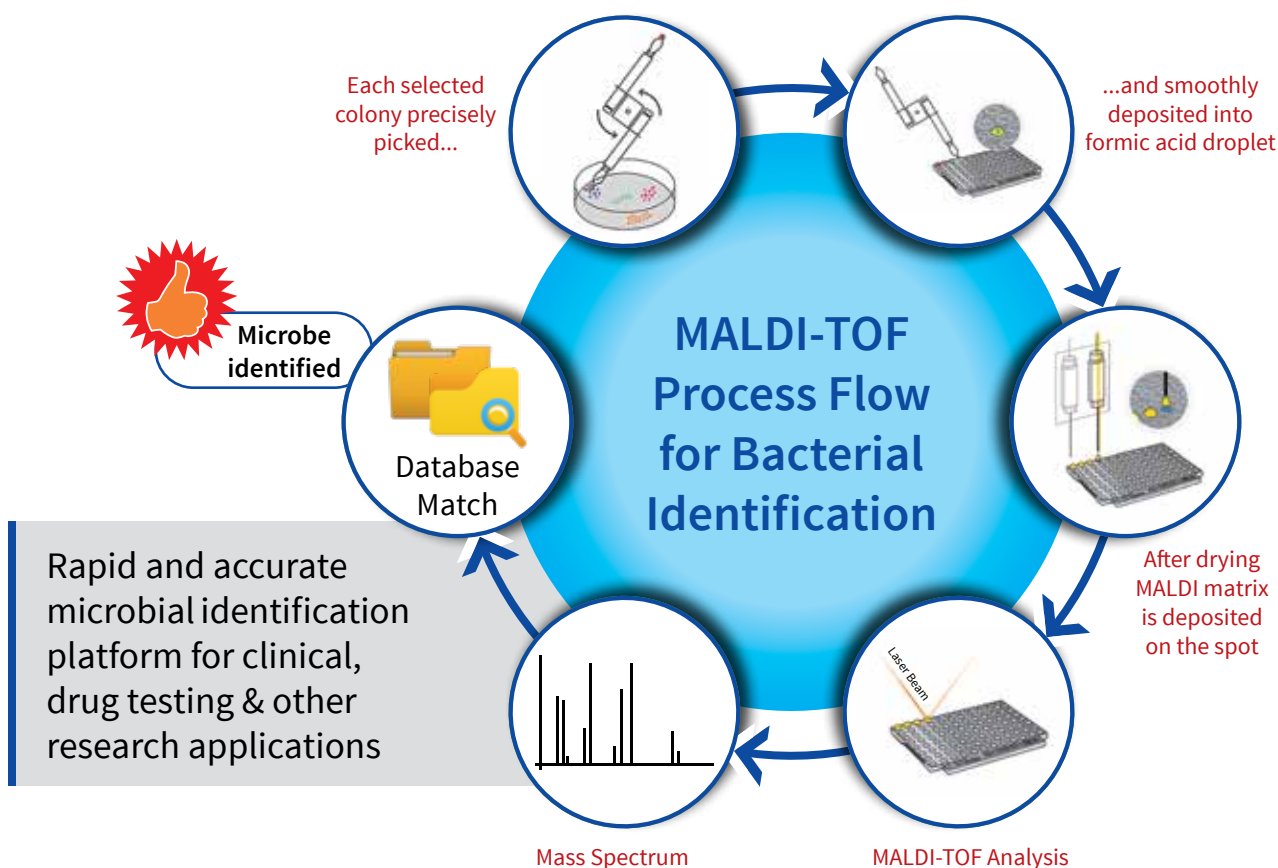
*Robust,
Time saving
& flexible
microbial ID
system.*



Automated mass spectrometry microbial identification system with comprehensive database

Process Flow

Autof MS1000 MALDI-TOF MS



Comparative USPs

Parameter	Autof MS1000	Competitor Products
Ion Source	Cleaning free ion source system	Manual cleaning/ self cleaning ion source system
Throughput	300 tests/ hour	150-200 tests/hour
Secondary vacuum up time	Less than 1 minute	Up to 10 to 15 minutes
Database	Free database updates for lifetime	Additional charges for database updates

System Features

Improved spatial resolution	Innovative optical design – Smaller laser beam
Improved slide position accuracy and stability	Real - time coordinated XY axis moving platform
Single sample processing within 0.1 second	Powerful turbo-molecular pump – Sampling without waiting
Cleaning free and reduced interference	Vacuum up to 10^{-7} mbar
Effective biological safety control	0.01 μ m high precision pump filter
Mass range	1 - 500 kDa
High throughput	96 tests/plate, 1000 samples/day
Footprint	400mm*705mm*1280mm, Benchtop Model

Robust Database

The system has a complete package fully automated with the largest Microbial database, software and workstation for microbial identification including yeast and molds/filamentous Fungi, bacteria as *Nocardia*, *Actinomyces*/filamentous bacteria, all other Gram Positive, Gram negative aerobic and anaerobic bacteria, *Burkholderia pseudomallei*, other *Burkholderia* species, *Francisella* and *Mycobacterium* spp. (both MTB complex and NTM)

Number of Microbial Species	Number of Microbial Strains	Total Genus	Total Filamentous Fungi & Yeast Species
5189+	17800+	1064+	820+

Autof MS1000

Sample Pretreatment Reagents & Accessories



Product Code	Product Name
MSA01	Sample Pretreatment Reagent
MSA02	Calibrator
MSA03	CHCA Matrix

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HiMedia Laboratories Pvt. Ltd.

www.himedialabs.com

* Autof MS1000 is manufactured by Autobio Diagnostics Co. Ltd. for HiMedia Laboratories Pvt. Ltd.

- CORPORATE OFFICE -

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