RUO

MALDI Biotyper® sirius RUO System

The *sirius* solution for extended research capabilities for microbiology

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

Bruker's newest *sirius* member of the MALDI Biotyper family features the user-friendly high capacity vacuum system valued by users of the MALDI Biotyper smart, combined with the power of a 200 Hz smartbeam™ laser and developments in the electronics enabling both positive and negative ion mode.

With an exciting new external design and an LED strip in the instrument housing, the MALDI Biotyper sirius RUO System allows users to easily check the system status from a distance.

Bruker is pleased to maintain the lifetime laser commitment, as well as provide new and improved product features to enable novel future applications; all held inside a true benchtop instrument of only 75 kg.

MALDI Biotyper® sirius RUO System | Features and Benefits

True benchtop system
The low-noise MALDI system with a weight of only 75 kg and small footprint meets the laboratory needs for compact system solutions.

Positive / negative ion mode
Routine identification of microorganisms requires positive ion mode only. Adding the capability of analysis in negative ion mode allows the MALDI Biotyper sirius to broaden the research applications, such as the analysis of lipids.

This makes the MALDI Biotyper sirius Bruker's future-proof system, ready for our ongoing microbiological application developments.

Bruker smartbeam™ laser
Bruker's proprietary lifetime smartbeam™ laser offers a 200 Hz repetition rate and a trustful warranty of 7 years or 500 million shots, whichever comes first.

Integrated ion source cleaning
Within 15 minutes and without breaking vacuum, cleaning the ion source using the integrated IR-laser is performed easily under push-button operator control, offering steady performance with low maintenance.

Accelerated data acquisition
Using Smart Spectra Acquisition™, data generation is accelerated by minimizing the number of laser shots needed to acquire meaningful spectra, hence also saving laser lifetime and shortening time-to-result.

Uncompromised resolution
Within a compact benchtop system, Bruker's PAN™ technology allows high mass spectrometric resolution across a wide mass range, tailored to microorganism identification.

High capacity vacuum system
Accelerated vacuum generation and enhanced electronics minimizes target exchange time.

System status visible from your workbench
An LED strip in the instrument housing conveniently provides a remotely visible status report of the instrument.

Dimensions & Operating Parameters

MALDI Biotyper® sirius RUO System	
L x W x H:	500 x 710 x 1070 mm
Weight:	75 kg net weight
Noise:	< 60 dB
Temp. Range:	16 - 30°C
Operating Humidity:	20 - 75% non-condensing

Please contact your local representative for availability in your country.
MALDI Biotyper® is a registered trademark of Bruker Daltonik GmbH in the European Union and the USA.

RUO REF 1890102

Bruker Daltonik GmbH

Bremen · Germany
Phone +49 (0) 421-2205-0

Distributed in the USA by

Bruker Scientific LLC

Billerica, MA - USA
Phone +1 (978) 663-3660

ms.sales.bdal@bruker.com - www.bruker.com/microbiology

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