



US-IVD



## MALDI Biotyper<sup>®</sup> sirius one CA System

- The *sirius* ONE ion mode solution for clinical microbiology

The MALDI Biotyper<sup>®</sup> sirius one CA System is Bruker's newest MALDI Biotyper family member, adopting the user-friendly high capacity vacuum system valued by users of the MALDI Biotyper sirius, combined with the power of a 200 Hz smartbeam™ laser and the latest developments in electronics.

With an exciting new external design and an LED strip in the instrument housing, the MALDI Biotyper sirius one CA 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 updated electronics; all held inside a true benchtop instrument weighing only 75 kg / 165.4 lb.

# MALDI Biotyper<sup>®</sup> sirius one CA System | Features and Benefits

## True benchtop system

The low-noise MALDI system with a weight of only 75 kg / 165.4 lb and small footprint meets the laboratory needs for compact system solutions.

## Bruker smartbeam<sup>™</sup> laser

Bruker's proprietary lifetime smartbeam<sup>™</sup> 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.

## Uncompromised resolution

Within a compact benchtop system, Bruker's PAN<sup>™</sup> 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 minimize 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<sup>®</sup> sirius one CA System

L x W x H:	500 x 710 x 1070 mm / 19.7 x 28.0 x 42.2"
Weight:	75 kg / 165.4 lb net weight
Noise:	< 60 dB
Temp. Range:	16-30°C (61-86°F)
Operating Humidity:	20 - 75% non-condensing



**REF** 1890232

**IVD** **Rx ONLY**

MALDI Biotyper<sup>®</sup> is a registered trademark of Bruker Daltonik GmbH in the European Union and the USA. Only for sale in the USA and Puerto Rico.

*Distributed in the USA by*



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

**Bruker Scientific LLC**

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

[ms.sales.bdal@bruker.com](mailto:ms.sales.bdal@bruker.com) - [www.bruker.com/microbiology](http://www.bruker.com/microbiology)