



GP



MALDI Biotyper[®] sirius one GP System

- The *sirius* ONE ion mode solution for microbiology
Not for use in clinical diagnostic procedures.

Bruker's newest *sirius* member of the MALDI Biotyper family brings together existing and new features including the user-friendly high capacity vacuum system valued by customers of the MALDI Biotyper smart, a powerful 200 Hz smartbeam™ laser and also includes electronic developments making it more environmentally friendly than before.

Coming with an exciting new external design, the MALDI Biotyper sirius one GP System, holding an LED strip in the instrument housing, 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; all held inside a true benchtop instrument of only 75 kg / 165.4 lb.

MALDI Biotyper[®] sirius one GP 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.

Environmentally friendly electronics with positive ion mode

Minimizing the quantity of electronic parts and circuit boards helps us preserve limited natural resources. The MALDI Biotyper sirius one GP System is a “positive ion mode only” MALDI-TOF with a future-proof set of electronics allowing to reduce the environmental footprint of the instruments without compromising the functionality for routine identification of microorganisms

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 laser 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 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[®] sirius one GP 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



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.

REF 1890222

Distributed in the USA by

 **Bruker Daltonik GmbH**

Bruker Scientific LLC

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

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

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