My Green Lab® ACT® Eco label for MALDI Biotyper® sirius and sirius one

Committed to sustainability and innovation in microbial identification

Innovation with Integrity

About the ACT label

The world's premier eco-label for laboratory products that ensures **A**ccountability, **C**onsistency and **T**ransparency in order to enable sustainable laboratory procurement.

My Green Lab Certification: International "gold standard" for laboratory sustainability best practices.

This independent certification evaluates sustainability across the instrument's lifecycle - from production and daily operation to disposal. Achieving a low Environmental Impact Factor (EIF) score of 26.8 (EU and UK) and 35.4 (US), the MALDI Biotyper combines best-in-class performance in microbial identification while supporting environmentally responsible laboratory practices.

IVD/GP/RUO

Supporting a greener lab

Providing third-party verified data on a product's environmental impact and awarding an Environmental Impact Factor (EIF) score, the ACT ecolabel helps to assess factors like energy use, manufacturing, packaging and waste reduction aspects. The lower the EIF, the better is the environmental rating of the product.

Manufacturing impact reductions at production facility

Bruker has implemented measures to reduce energy and water consumption as well as reduced waste generation at its production facility over the past five years, earning LEED v4 Gold certification.
A digital manufacturing execution system has eliminated over 1,000 kg of paper waste annually.

Use of renewable energy

The facility that manufactures the Bruker MALDI Biotyper System sources 98% renewable energy from on-site solar photovoltaics.

Responsible chemical management

The manufacturing site is ISO 14001 certified, ensuring strong environmental management practices. The MALDI Biotyper System complies with EU RoHS and contains no chemicals of concern, aligning with the ACT Standard's safety criteria.

Energy consumption

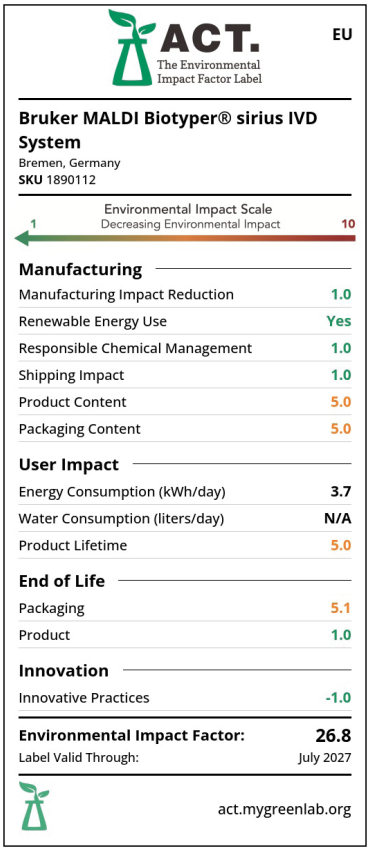
Assuming continuous 24-hour system utilization during a typical workday, the MALDI Biotyper's energy consumption results in a low 3.7 kWh/day.

Product end-of-life

Bruker supports extended producer responsibility programs in the US, EU, and UK, allowing customers to return the MALDI Biotyper System at end-of-life.

Innovative practices

The system is more energy-efficient than previous models, such as the microflex LT/SH (smart) models. Its production facility was newly constructed with a strong focus on optimizing energy performance, further reducing environmental impact.



ACT label for the MALDI Biotyper sirius IVD System. Only the shipping impact value varies between systems and regions.

Learn more about the ACT label:
https://act.mygreenlab.org/

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Please contact your local representative for availability in your country.
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