



FT-IR SPECTROSCOPY

# Harm Reduction Solutions

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Saving lives via drug checking drug by spectrochemical analysis.

Innovation with Integrity



# ALPHA II for the Lab

If you want to maintain a permanent, location-bound drug analysis site, for example in a drug counseling center, the ALPHA II FT-IR spectrometer is the best choice. Its reliable spectrochemical analysis provides volunteers with a tool to better explain the dangers of drugs to addicts. After all, counseling and support are the most important steps after the assessment of present drugs through IR spectroscopy.

- Drug counseling centers
- Drug checking services
- Pharmacies and labs

- **Easy to use**

Beginners need only a minute to analyze drugs with our push-button software.

- **Compact design**

There's always enough space for the ALPHA II, even in crowded places.

- **Proven technology**

Many non-profit organizations worldwide use the ALPHA II for harm reduction

- **Long service-life**

ALPHA II requires minimum maintenance and comes with extended warranties.



# MOBILE-IR II when outdoors

If you are planning to provide outdoor drug analysis, for example at a music festival, a laboratory spectrometer suffers many limitations. The MOBILE-IR II, however, provides peace of mind for exactly this scenario. Never worry about the instrument if it starts to rain, if the tent is shaking due to music and dancing or if a drink gets spilled on the MOBILE-IR II. The device can handle it, allowing users to focus on drug analysis and addiction counseling.



- Music festivals
- Outdoor events
- Mobile laboratories

- **Highest spectral quality**  
Enjoy FT-IR analysis in lab-quality thanks to the cryogen-free MCT detector.
- **Robust hardware**  
Vibration damping stand, durable optical components and RockSolid interferometer.
- **Integrated battery**  
Allows for safe, continuous operation even on the go and during power fluctuations.
- **IP65 outdoor qualities**  
MOBILE-IR II offers the highest level of dust protection, and is able to withstand low-pressure water jets from all directions.



## MEET OUR CUSTOMERS:

For years, Bruker has been supporting non-profit organizations in the analysis of drugs for harm reduction purposes around the world.

## Know Your Stuff



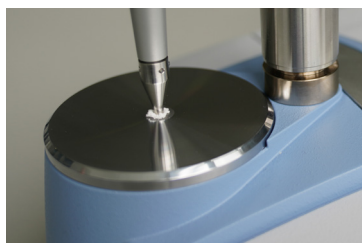
## BCCSU



## Energy Control

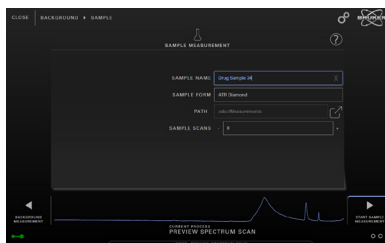


# Easy as 1-2-3



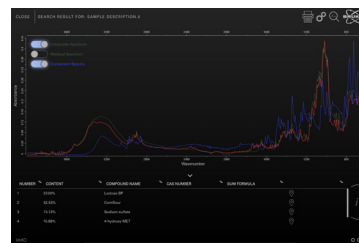
# 1

Drug sample is placed on the Instrument..



# 2

Measurement is started with a single click.



# 3

The result is presented clearly and comprehensibly.

## How does FT-IR drug detection work?

The basis is what spectroscopists call a „spectral library.“ This is used by the software to independently compare the measured spectra with a series of reference data. Afterward, the best possible match is presented to you in an easily readable result window.

The knowledge contained within these spectral libraries comes from experts like TICTAC Communications Ltd. and the Scientific Working Group on Seized Drugs (SWGDRUG). Their expertise is vital to maintain and expand such specialized spectral libraries.



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