

Target-ID™

FAST, ACCURATE AND PORTABLE ILLICIT DRUG ANALYZER



Feature Highlights

- **Rapidly and accurately identifies up to 2,500 substances using a preloaded library**
- **Customizable and expandable user library**
- **Lightweight and portable for handheld operation**
- **Intuitive user interface requires minimal training**
- **Utilizes proven FTIR technology**

Target-ID is the first Fourier-Transform Infrared (FTIR) spectroscopy analyzer specifically designed to support narcotics interdiction efforts. Combining the power, speed, and accuracy of FTIR with a library of up to 2,500 narcotics, precursors, common chemicals, and cutting agents; Target-ID returns identification results in a matter of seconds without damaging or degrading the sample.

In addition, Target-ID is capable of identifying emerging synthetic designer drugs. Its customizable user library easily allows localized drug variants to be added. Designed for ease of use by personnel of different skill levels, minimal training is required for operation.

FTIR has long been a trusted method for the identification of unknown powders, liquids, gels, pastes and solids. In addition, FTIR spectroscopy is ideal for field use due to its

ability to recognize and identify substances where other technologies fall short. Only a very small quantity of a sample is required for analysis and an integrated press ensures consistent and reliable pressure is made throughout the analysis process.

Lightweight and easily transportable, Target-ID provides hours of operation on a single battery charge and also accepts commercially available disposable batteries or line power if needed. The system offers an unmatched performance throughout an extreme temperature range and the revolutionary optical platform provides high vibration immunity even during the analysis period.

Smiths Detection has leveraged a best-in-class infrared spectroscopy platform with decades of experience to develop Target-ID, a product as advanced as it is cost effective.

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Target-ID

A high contrast, full color LCD display allows for high viewing angles and visibility indoors or outdoors. An intuitive, color coded user interface guides the operator through each step of the sample preparation and analysis process.

Target-ID is backed by ReachBackID™, a first rate 24/7/365 service and support program providing immediate, expert data analysis and technical support to ensure optimum product performance.

Target-ID is a part of a large product portfolio of Smiths Detection, a leading worldwide provider of government regulated technology products and advanced services that aid in the detection and identification of chemical, biological, radiological, nuclear and explosive (CBRNE) material and other dangerous or illegal substances.

Technical Data

General Specifications

Technology	FTIR (Fourier Transform Infrared) Spectroscopy
Size	25.5 x 15.62 x 9.83cm (10.05 x 6.15 x 3.87in)
Weight	2.45kg (5.4lbs)
Sampling interface	Diamond ATR sensor with integrated solids press and liquids well
Library	Up to 2,500 substances including new synthetic designer drugs
User library	Ability to add up to 500 user collected spectra
Start-up time	Less than 40 sec.
Analysis time	Less than 60 sec.
Power	Rechargeable lithium-ion battery (4 hours of operation). Disposable 123A battery compatible. AC power adaptor: 47-63Hz. 100/240 VAC. DC power adaptor: 11-16VDC, 12A
Display	High contrast 4.3in LCD color display
Operating temperature	-10° C to 46° C (14° F to 115° F)
Storage temperature range	-20° C to 60° C (-4° F to 140° F)
Operating humidity	0-99%
Color	Blue



Rapid, accurate results in seconds using a preloaded library.



Built for field use in extreme climates and conditions.



Lightweight and portable for handheld operation.

For product information, sales or service, please go to www.smithsdetection.com/locations

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