

**SUBSTANCE TRACE DETECTION**

**BRUKER  
ROADRUNNER™**

Bruker™ is recognised as the leading authority on the use of detection and identification technologies to mitigate the threat from the accidental or deliberate release of toxic gases, explosives and radioactive materials that could kill and injure civilians.



The Bruker RoadRunner™ is a battery-powered, hand-held, trace explosives detector that is both lightweight and portable. To maximise user convenience the system operates from rechargeable batteries and to further extend its duration in the field, these batteries are 'hot-swappable'.



Bruker RoadRunner™ operates in two modes. A “sniffer” mode draws in vapours from volatile explosives and taggants and provides results in just a few seconds. To detect the presence of non-volatile explosive compounds, or to check personal property, the product integrates the same industry-standard swab-sampling system that is used in the Bruker DE-tector desktop trace explosives detector.

In addition to the dual-role explosives detection capability, RoadRunner™ also incorporates narcotics detection as standard.

Typical applications of RoadRunner™ include environments such as airport security, building access control, customs facilities, and prisons/remand centres.

**Key features include:**

- Industry-standard IMS detection technology
- Time proven technology; the de-facto standard
- Detects trace explosives and trace narcotics
- Hand-held, portable trace detection
- In a go-anywhere battery-powered package
- Non-radioactive HEPI source
- Patented source reduces the compliance burden
- Patented CHIRP-IMS signal processing algorithm
- Provides sensitivity of a benchtop detector
- Automatic continuous self-calibration
- Optimises each measurement automatically
- Operates in sniff or swab modes
- Best configuration for different sample types
- Re-useable sampling swabs
- Reduce your operating costs / cost per test

SPECIFICATIONS	DESCRIPTION
<b>Dimensions:</b> (WxHxD)	330 mm x 340 mm x 130 mm
<b>Weight:</b>	3.4 kg including battery
<b>Detector Type:</b>	Hand-held detector for trace explosives / narcotics
<b>IMS Source:</b>	Non-radioactive HEPI Source
<b>Vapour Sample:</b>	Detection initiated by a trigger
<b>Swab Samples:</b>	Automatic on swab insertion
<b>Signal Processing:</b>	Patented CHIRP-IMS algorithm
<b>Software Type:</b>	Traffic Light User Interface
<b>Software Operation:</b>	Touch Screen, 4.3” LCD panel
<b>Battery:</b>	Li-Ion rechargeable, hot-swappable



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