



Bruker Introduces RoadRunner™, a Novel High-Performance Hand-Held Explosives and Narcotics Trace Detector

LEIPZIG, Germany - The Bruker Detection division introduces **RoadRunner™**, an innovative, hand-held explosives and narcotics trace detector with outstanding sensitivity, selectivity, analyte coverage and ease of use.

This revolutionary new product expands Bruker's explosives trace detection (ETD) product line by providing a light-weight, hand-held ETD detector that has the same outstanding detection performance as state-of-the-art benchtop ETD instruments. The rugged **RoadRunner** is battery-operated, weighs just 7.7 lbs (3.5 kg), and offers dual modes for 'sniffing' vapor samples directly, as well as for thermal desorption of particles captured by swabs.

A battery lifetime of 4 hours combined with a hot-swap battery feature further expands the usability of **RoadRunner** in remote locations and routine use. Its non-radioactive photoionization source simplifies maintainability by removing the need to comply with regulations for radioactive source safety. For the first time, the incorporation of **CHIRP-IMS™** technology provides the sensitivity and selectivity of a bench-top trace detector in a hand-held design. This patented feature, coupled with continuous automatic internal calibration, makes manual calibration and verification steps obsolete and simplifies day-to-day operation.



RoadRunner, a hand-held, battery-operated explosives and narcotics trace detector with outstanding performance.

Dr. Norbert Kloepper, Head of the Bruker Explosive Trace Detection business, commented: "With **RoadRunner** we are offering a major analytical performance and useability advance for hand-held ETD in cargo security, passenger security, and the protection of critical infrastructure, transportation nodes, ports of entry and of the general public. This light-weight and convenient new explosives and narcotics detector for field and portable applications will give our customers increased confidence in being able to detect a broad range of traditional and emerging analytes, with excellent sensitivity and specificity, and with exceptionally low false negative rates."

About Bruker Corporation

Bruker Corporation (NASDAQ: BRKR) is a leading provider of high-performance scientific instruments and solutions for molecular and materials research, as well as for in vitro diagnostics, industrial and applied analysis. The Bruker Detection Division is a leading provider for mobile, ruggedized and user-friendly CBRNE (Chemical, Biological, Radiological, Nuclear and Explosive) detection systems and solutions. Serving this demanding market for



more than 30 years, Bruker Detection has built a reputation for delivering high performance and innovative solutions to its customers.

For more information on the *RoadRunner*, please visit: www.bruker-etd.com

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