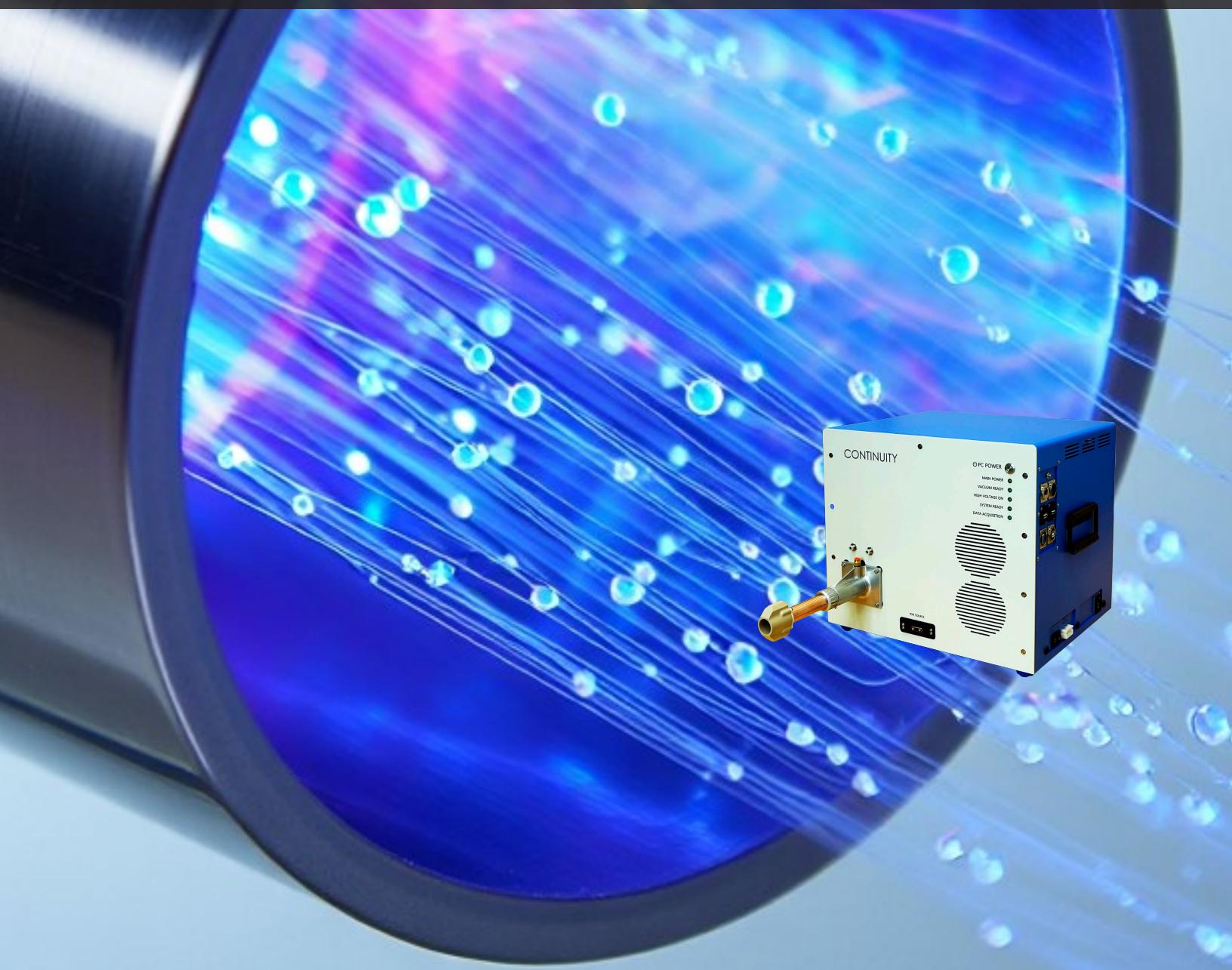


Ion-K9

The World's First Portable,
Non-Contact Trace Vapor Detector



SPECIFICATIONS

Compounds Detected	<p>Explosives:</p> <ul style="list-style-type: none"> • HMX & RDX • TNT, TNB, DNT, DNB, NT & NB • ADNT, DANT & TAT • DMNB • ETN & PETN • Tetryl • HNX (R-salt) • NG & EGDN • TATP & HMTD • Chlorates, perchlorates & nitrates 	<p>Drugs:</p> <ul style="list-style-type: none"> • Cocaine • Fentanyl and its analogs • Heroin • Ketamine • Methamphetamine & MDMA • Morphine & Oxymorphone • Nitazenes • Benzodiazepines and its precursors <i>N</i>-alkoxyamides & α-amido-<i>benzotriazoles</i>
Sensitivity	Detects compounds listed at a threshold sensitivity of 9 ppt _v	
Detection Method	Direct non-contact vapor sampling	
Ion Polarity	Positive and negative	
Mass Analyzer	Miniature Linear Ion Trap	
Ionization Source	Non-radioactive	
False Alarms	Detects >99.999% of threats with a false alarm rate of less than 0.001%	
Embedded PC	Intel Core i7 with Windows 11	
Display	10.1" multitouch LCD screen	
Dimensions	20" x 15" x 15" (51 x 38 x 38 cm)	
Weight	39 lbs. (18 kg)	
Power	100–240 V _{AC} 50/60 Hz or 24 V _{DC} , ~250 W; battery operatable	
Operating Temperature	-5 °C to 45 °C	
Operating Humidity	0 – 95% RH (non-condensing)	
Alarm Method	Audio-visual	
Result Format	Operator observes a threat/non-threat colored result screen and if threat(s) are detected, the category and further data is available to the operator for advanced analyses of a sample.	



Quality Management System
Registered to ISO 9001:2015

Sales/General Information: sales@bayspec.com
Technical Support: support@bayspec.com

