

GENERAL SPECIFICATIONS

APPLICATIONS:	Explosives, narcotics and CWA trace detector
DETECTOR:	Linear Ion Trap Mass Spectrometer
SAMPLING:	Trace-level swab sampling
SENSITIVITY:	pg – µg
ANALYSIS TIME:	~10 seconds typical
FIELD ADAPTABILITY:	Instantly upgradeable threat & interferent library
LIBRARY CAPACITY:	Thousands of threat & interferent compounds
IONIZATION:	Non-radioactive chemical ionization
ION POLARITY:	Dual-mode operation (positive & negative)
DYNAMIC RANGE:	>3 orders of magnitude
CONSUMABLES:	Calibrant tube and verific pen, no calibration gas needed
SWABS:	Multi-use Teflon®-coated fiberglass swabs
CALIBRATION:	Fully-automated internal calibration
ALARM METHOD:	Visual Threat ID-Audio-VPN-Phone APP-all selectable
CONNECTIVITY:	Ethernet, (2) USV 2.0 ports
WEIGHT:	57 lbs (25 kg)
DISPLAY:	10.1" (25.6 cm) LCD touch-screen-user friendly interface
DIMENSIONS:	14.3" W x 18.1" D x 21" H (36 cm x 45 cm x 53 cm)
OPERATING ALTITUDE:	3048m (10,000ft)
OPERATING TEMPERATURE:	0 to 40°C (0-104°F)
OPERATING HUMIDITY:	<=95% (non-condensing)
STORAGE CAPACITY:	65,000 samples internal memory, unlimited with TRACER-NET
PRINTER:	Built-in printer
POWER:	110 VAC / 230 VAC, 50 Hz / 60 Hz
WARM-UP TIME:	20 min. (continuous power-on preferred)
ALARM CLEARDOWN TIME:	10s typical
REGULATORY:	UL, CE, RoHS
SAFETY:	No radioactive components
EXPLOSIVE DETECTION:	Military, commercial-grade, HMEs, IEDs, RDX,TNT PETN,ETN, NG,AN,UN,HMTD,TATP,EGDN,Tetryl,Picric acid, R-salt, smokeless powders, HMX, etc.
NARCOTICS DETECTION:	Fentanyl+analogs, amphetamines, cocaine, heroin, THC, buprenorphine, carfentanil, methamphetamine, Morphine, etc.