

TRACER 1000™

World's 1st Mass Spectrometer Explosive Trace Detector

GENERAL SPECIFICATIONS

The TRACER 1000™ is the most sensitive trace detector available with a near zero false alarm rate, lowest total cost of ownership, the only ETD with an unlimited library that can be instantly updated with the latest threats, simple to operate and has 100% uptime.

APPLICATIONS:	Explosives 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
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
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:	3048 m (10,000 ft)
OPERATING TEMPERATURE:	0 to 40°C (0-104°F)
OPERATING HUMIDITY:	<=95% (non-condensing)
STORAGE CAPACITY:	65,000 samples internal memory
PRINTER:	Built-in printer
POWER:	110 VAC / 230 VAC, 50 Hz / 60 Hz
WARM-UP TIME:	20 min. (continuous power-on preferred)
ALARM CLEAR-DOWN 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, smokeless powders, HMX, etc.