

HIGH SENSITIVE CHEMICAL GAS TRACE DETECTOR

GTD-S

KEY FEATURES

- High sensitive stationary gas trace detector
- Detection of toxic and hazardous substances
- Environmental protection, emission monitoring
- Designed to integrate in industrial applications



TECHNICAL DATA

Measuring Principle	Ion Mobility Spectrometer (IMS)
Ionization Source	Tritium (³ H) <100MBq
Sensitivity	ppb up to ppm range e.g. Phosgene: <50ppb / TDI: <10ppb
Detection Capability	identification of substances classification of substances concentration determination <±15%
Alarm Level	freely programmable
Operator Interface	8" Touchscreen (inside) configurable for different applications
Dimensions (approx.)	500 x 210 x 500 mm (length x width x height)
Weight (approx.)	23 kg
Interfaces	LAN Ethernet 10/100 Base-T, RJ45 connector Current loops 4 to 20 mA (self-powered) USB 2.0 connectors RS232 / RS422 / RS485 / Modbus Status transmission to external PLC devices
Remote Control	Fully configurable via remote maintenance access
Operation Temperature	-10 to 50 °C (14 to 122 °F)
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Operating Humidity	0 to 85% relative humidity, non-condensing
Power Supply	110 to 230 VAC / 50 to 60 Hz / 150 W
Safety Class	IP 42