

# LEAK LOCATE 320

FILTER PERFORMANCE **MONITORS**



Leak Locate 320 is a networked system enabling remote monitoring of multi-compartment bag or cartridge filters to anticipate failures and enhance reliability

## FEATURES AND BENEFITS

- An excellent compliance tool for reducing the likelihood of large-scale emission events
- Advanced warning of filter deterioration enables operators to make significant baghouse efficiency savings
- Reduce maintenance and lost production time by being able to quickly identify specific failing bag rows and the likely leaking bags
- with DUST TOOLS software
- Sensor Probe Check option for improved data integrity and Quality Assurance
- Large graphical user interface gives a clear indication of each compartment's dust level and onward communication to a PC or PLC network



# LEAK LOCATE 320

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## SENSOR OPTIONS AND SPECIFICATIONS

LEAK LOCATE 320 Sensor Options			Order Code
Flue Gas Temperature	-20 to +125°C	standard	125C
	-20 to +250°C	option	250C
Rod Length	300 mm (std.) or 400, 500, 600, 800, 1000 mm	specify	RODxxxx
Rod Type	Stainless Steel Rod (1/2" lock nut stack connection)	standard	S
Sensor Connection	British Standard Pipe (BSP)	standard	BSPP or BSPT
	National Pipe (NP)	FoC option	NPSM
	none	standard	0
Air Purge	Air purge unit (1/2" BSPP or NPSM)	option	AP-BS/AP-NP
	Filter + Regulator assembly for purge fitting	option	FFR
Probe Check	none	standard	0
	Manual initiation	option	MSC
Hazardous Zone Category	None	standard	0
	ATEX Zone 22 (Cat. 3D)	option	X22

### LEAK LOCATE 320 Sensor Specifications

Ambient Temperature	-20°C to +50°C (-4°F to 122°F)
Enclosure Dimensions	W 111 x H 135 x D 75 mm (4.4 x 5.3 x 3 in.)
Power Supply Voltage	24V DC (from the control unit)
Current consumption	20 mA

ProController Feature	Description
No. of Sensors/Channels	4–32 (1 sensor per chamber)
Advanced I/O	Ethernet (RJ45, 100Base T/Tx, 100 Mb/s), USB 2.0 (standard type A)
Data Logging	Capacity given for four sensors: • Pulse log: 8 hours @ 1 s • Alarm log: 500 entries
Advanced I/O	Ethernet (100Base-T/Tx, 100 Mb/s), USB 2.0 (type A, M:M)
Outputs	1x RS-485 (Modbus RTU), 1x RS-232, 4x Relays (3A, @250 V AC or 24 V DC, configurable)
Inputs	4x Digital inputs, 4x 4–20 mA inputs
Enclosure Dimensions	W 390 x H 221 x D 118 mm (15.4 x 8.7 x 4.6 in.)
Enclosure Protection Rating	IP66
Ambient Temperature	-20°C to +50°C (-4°F to 122°F)
Power Supply Voltage	85–265 V AC (50/60 Hz)
Current consumption	40 W

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#### LEAK LOCATE 320 Datasheet

LEAK LOCATE 320 Filter Performance Monitors  
Specifications subject to change without notice.

OHSAS 18001:2007  
ISO 14001:2015  
ISO 9001:2015  
**CERTIFICATION**

www.envea.global