

NEW

IONIFLAM 2

*The new flame ionization
gas leak detector*

The Ioniflam 2 is a hand-held gas leak detector based on flame ionization technology. Its specific features : high sensitivity, short response time, compact design, light weight make it a most efficient tool adapted to a wide range of applications.

High sensitivity

- ◆ With a detection level of 1 p.p.m., the Ioniflam 2 detects the smallest gas leak.
- ◆ 2 measurement scales : 0-1000 p.p.m and 0-10000 p.p.m. with needle dial display for accurate indication of p.p.m. concentration.

Quick response time

- ◆ Response time in less than 1 second ensures rapid detection and maximum efficiency when used in combination with the VSR technology, for example.

Zero point stability for precise measurements

- ◆ High stability of zero point offers reliable operation and eliminates the problem of false leak alarms. No adjustment is required in on-site operation.



Reduced weight, more compact design for an easy-to-use detector

- ◆ Its light weight (3.7 kg only) and its compact design offer the operator comfort of use and manoeuvrability.
- ◆ Adjustable detection threshold and flame extinction alarms. The operator may turn off the gas detection threshold alarm and can also connect earphones to the detector.
- ◆ Digital display of the H₂N₂ bottle's pressure provides the operator with information on when to exchange gas bottles.
- ◆ The operator may reset manually the zero point. Zero point of the measuring cell is displayed to ensure maximum sensitivity.
- ◆ Gas sampling is performed with an internal electric pump. An external suction device is available as an option for detection of propane or butane.

A multi-purpose tool

The Ioniflam 2 can be used in a variety of ways to suit the characteristics of the gas networks to be inspected :

- ◆ On-foot gas leak surveys either with a telescopic probe or with the Gazomat gas trap trolley.
- ◆ High speed gas leak detection with the Ioniflam 2 as an on-board equipment for the Gazomat network surveillance vehicle – Digitec 2000 MK2.

Technical sheet	
<u>Two measurement scales :</u>	
•	0-1000 PPM
•	0-10 000 PPM
<u>Power supply :</u>	
•	Rechargeable NiCAD accumulators (9.6V – 1 Ah)
•	9 hour duration with full charge at 20°C
<u>Gas supply :</u>	
•	0.10 liter bottle containing a 40 % Hydrogen (H ₂) and 60% Nitrogen (N ₂) mix
•	6 hour duration per bottle
<u>Condition of use :</u>	
•	For outside use exclusively
•	Opérating temperature : 0°C to +45°C
<u>Sizes :</u> 115 x 230 x 230 mm	
<u>Weight :</u> 3.7 kg (with bottle and battery)	