



PANTHER

Pioneering Gas Sensing Technology.
ionscience.com





Panther

The Panther offers rapid and sensitive detection of a wide range of gases, including Helium, Refrigerants and Hydrogen



Introduction

With over 30 years of experience in the leak detection industry, the Panther follows on from the success of its predecessor, the GasCheck series. Designed for the search and location of gas leaks, the Panther feels natural to hold in the hand during use whilst frequent operational requirements such as zeroing are effortless.

The Panther Gas Leak Detector utilises a micro thermal conductivity sensor which offers fast and sensitive detection for many gases. The internal piezo pump offers extremely stable sample flow and makes it highly stable in draughty environments. The Panther has also demonstrated its relative immunity in high electro-magnetic field environments.

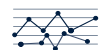
Using the Panther couldn't be easier, simply draw the probe along the area that needs checking, then once the leak has been 'pin-pointed' the leak-rate can be quantified from a variety of measurement units. For applications where the leak-rate requires to be logged, the Panther offers 10 days of continuous logging.

Key Features

>> **Internal Gas Table**
With a large range of gases e.g Helium, Hydrogen and Refrigerants.



>> **Datalogging***
View and export Panther data into Excel, CSV. file or PNG image.



>> **Integrated Torch**
Used for dimly lit or dark areas.



>> **IP44 Ingress Protection**
Splashproof protection.



>> **Long Rechargeable Battery Life**
When fully charged, the lithium-ion battery can last up to 20 hours.



>> **Bluetooth* & ION PC Software**
Connect to ION PC via Bluetooth and configure a wide range of instrument settings.



*Only available on Panther PRO

Panther Features



Detecting Leaks

Simply draw the instrument along the area that requires testing at approximately 25mm per second. When a leak is detected, retrace the route at a slower rate until the leak is located. Once the leak is located, hold the instrument over the leak until the measurement stabilises.

ION PC

ION PC provides the user with the option to create and load new calibrations and download, view and compare datalog sessions. Datalog sessions can be exported as a graph to either CSV file, Excel or PNG. Users can also search through the internal gas table and select the measurement gas of interest. ION PC allows authorised users to set their preferred settings such as measurement units, display reading, audible, visual and vibration alarm settings.

Extended Warranty

The Panther can be registered online which extends warranty to up to 2 years. Register your instrument online within one month of purchase to [extend the warranty](#).



Technical specifications

Detector

- Micro thermal conductivity detector (MTCDD)

Battery Type

- Rechargeable Li-ion battery

Battery Life

- 20 hours

Audible Alarm

- ≥ 90 dB @ 10 cm

Factory Calibration

At 50 % relative humidity (room temperature):

- 5000 ppm Helium ($\pm 5\%$)
- Leak: 0.0005 cc/sec ($\pm 5\%$)

Data logging

- 10 days continuous

Sensitivity (cc/s)

- Helium: 5×10^{-6}
- Hydrogen: 3.8×10^{-6}

Response

- T90: 1 second

Flow Rate

- 2 cc/s

Ingress Protection

- IP44

Temperature

- Operating: 0°C to 50°C

Humidity

- 0 - 99% R.H

Weight & Dimension

- 447 g (approx.)
- 320 x 80 x 55 mm (approx.)

What's in the box? (Panther Standard)

- Panther Instrument
- Box Spanner
- USB Cable
- USB Mains Adaptor
- Warranty Registration Card
- Quick Start Guide

What's in the box? (Panther PRO)

- Panther Instrument
- Box Spanner
- USB Cable
- USB Mains Adaptor
- Warranty Registration Card
- Quick Start Guide
- Flexible Probe 20cm
- Bluetooth Dongle

Panther V1.0. This publication is not intended to form the basis of a contract and specifications can change without notice.

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Diensten van EURO-INDEX

EURO-INDEX is fabrikant, importeur en distributeur van diverse A-merken op het gebied van test- en meetinstrumenten. Daarnaast leveren wij een groot aantal diensten om het gebruik van deze instrumenten in uw bedrijfsvoering te optimaliseren. Dit omvat uiteraard onderhoud, reparatie en kalibratie van de instrumenten, maar ook kennisdeling via de EURO-INDEX Academy en verhuur van instrumenten.

Geautoriseerd Service Centrum

EURO-INDEX b.v. is van alle vertegenwoordigde merken een Geautoriseerd Service Centrum. Dit betekent dat uw instrumenten worden behandeld door technici die zijn opgeleid door de fabrikant en beschikken over de juiste gereedschappen en software. Er worden uitsluitend originele onderdelen toegepast en de garantie van uw instrument, evenals de certificering (ATEX, EN50379, etc.) blijven intact.

Kalibratielaboratorium

Ons moderne service- en kalibratielaboratorium beschikt over een RvA accreditatie naar NEN-EN-ISO/IEC 17025. Deze accreditatie geldt voor grootheden, zoals gespecificeerd in de scope bij accreditatienummer K105.



Kijk voor een overzicht van al onze diensten op euro-index.nl/diensten



Mobiele Service

Naast de vaste kalibratielaboratoria in Capelle aan den IJssel en Zaventem beschikken wij ook over laboratoria op wielen met de naam "Mobiele Service". Dit biedt vertrouwde service en kwaliteit, bij u voor de deur!

KWS®

KWS® is een uniek servicesysteem voor uw meetinstrumenten met periodiek onderhoud en kalibratie tegen vaste, lage kosten. Uw kalibratiecertificaten zijn digitaal beschikbaar via Mijn KWS (gratis webportaal en app).

Verhuur van meetinstrumenten

- Uitgebreid assortiment
- Nauwkeurigheid aantoonbaar door actueel kalibratiecertificaat
- Deskundig advies
- Complete levering inclusief accessoires

EURO-INDEX Academy

- Trainingen (individueel en klassikaal)
- Cursussen en workshops
- Demonstratie- en instructievideo's
- Whitepapers



Servicebalie



Onderhoud, reparatie en kalibratie



Cursussen en workshops



Mobiele Service

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