

PANTHER

Rapid and sensitive detection of a wide range of gases, including Helium, Refrigerants and Hydrogen

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.

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, 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.



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.

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SPECIFICATIONS

Specifications subject to change without notice

Detector	Micro thermal conductivity detector (MTCD)	Sensitivity (cc/s)	<ul style="list-style-type: none"> Helium: 5 x 10⁻⁶ Hydrogen: 3.8 x 10⁻⁶
Battery Type	Rechargeable Li-ion battery	Response	T90: 1 second
Battery Life	20 hours	Flow Rate	2 cc/s
Audible Alarm	≥ 90 dB @ 10 cm	Ingress Protection	IP44
Factory Calibration	At 50 % relative humidity (room temperature): <ul style="list-style-type: none"> 5000 ppm Helium (± 5%) Leak: 0.0005 cc/sec (± 5%) 	Temperature	Operating: 0°C to 50°C
Data logging	10 days continuous	Humidity	0 - 99% R.H
		Weight & Dimension	447 g (approx.) 320 x 80 x 55 mm (approx.)



t +61 8 6108 0000

e info@gastech.com

w gastech.com

HEAD OFFICE
24 Baretta Road
Wangara WA 6065
Phone: +61 8 6108 0000

SYDNEY OFFICE
21/25 Narabang Way
Belrose NSW 2085
Phone: +61 2 9451 0054

BRISBANE OFFICE
PO Box 59
Kippa-Ring Qld 4021
Phone: +61 7 3160 0901