

The Ion Science Panther is a gas instrument engineered to swiftly and accurately identify gas leaks in various applications. Utilizing a micro thermal conductivity sensor, it offers sensitive detection for a wide range of gases including helium, refrigerants, and hydrogen ensuring reliable results even in challenging environments. The Panther's internal piezo pump delivers stable sample flow, making the detector highly effective in drafty conditions and resistant to interference from high electro-magnetic fields. With an ergonomic design that emphasizes ease of use, users can effortlessly draw the probe along the area under inspection to pinpoint leaks and quantify leak rates in multiple measurement units. Combining advanced technology with user-friendly features, the Panther is an indispensable tool for professionals for leak detection applications.

FEATURES

- Integrated torch for low lit areas
- Long rechargeable battery life
- Datalogging with Bluetooth connectivity
- Internal Gas Table
- IP44 ingress protection



Panther Flexi Probe



CALL GEOTECH TODAY

(800) 833-7958

Geotech Environmental Equipment, Inc.

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(303) 320-4764 FAX (303) 322 7242

email: sales@geotechenv.com website: www.geotechenv.com

Technical Specifications

| | |
|----------------------------|--|
| Detector | Micro Thermal Conductivity Detector (MTCD) |
| Battery Type | Rechargeable Li-ion battery |
| Battery Life | 20 hours approx. |
| Audible Alarm | > 90 dB @ 10 cm |
| Factory Calibration | 50% relative humidity (room temperature): 5000 ppm Helium (± 5%) Leak: 0.0005 cc/sec (± 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 | 447 g |
| Dimensions | 320mm x 80mm x 55mm |

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