HYBRID™ CGI

Heath
Your Safety Our Commitment

INTRODUCING THE NEXT GENERATION CGI TOOL

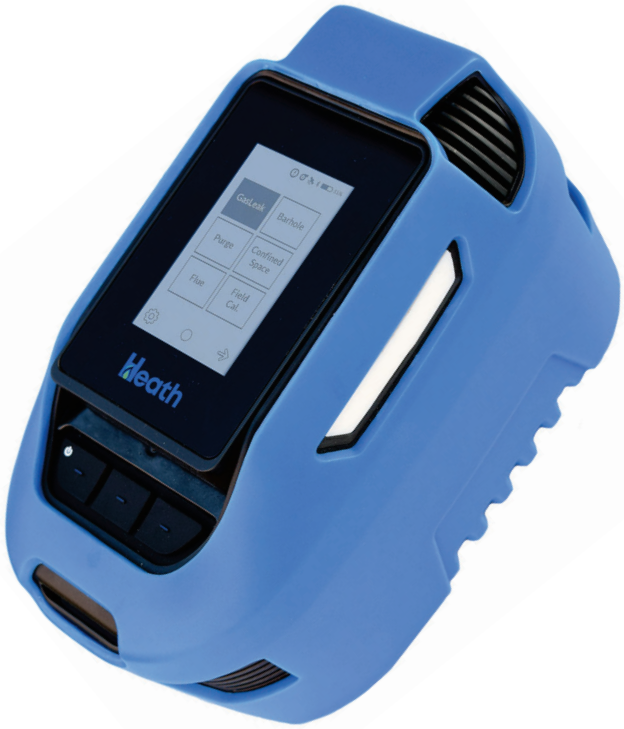
Heath is excited to announce the launch of our groundbreaking **HYBRID** product line, a first-of-a-kind innovation in the industry.

The **HYBRID** product line offers a paradigm shift in gas detection technology. An industry first, the daily self-calibration function, which uses internal calibration vials to verify the accuracy of gas readings.

This innovative approach eliminates the need for external calibration stations and gases, making the calibration process more efficient and cost-effective.

Heath has pushed the barriers once again with an industry leading response time, ensuring rapid and accurate data direct to the device.

The **HYBRID** CGI device provides an extensive list of benefits that make your next choice in combustible gas indicators, suited for construction, pinpointing and bar holing applications.



BENEFITS

- No external calibration stations required
- Always field-ready with no downtime for calibration
- Reduced sensor maintenance and replacement with NDIR technology
- Modular design allows for product add-ons
- Common user interface allowing for flexibility, ease of operation and training
- Detect leaks rapidly with highest sensitivity and fastest response time

FEATURES

- Multi-gas detection technology (Methane, Pipeline Gas, Carbon Monoxide, Carbon Dioxide, Oxygen)
- High resolution detachable touch-screen
- Integrated GPS and BLE
- Automatic data sync to Heath's Leak Survey Analytics (LSA) platform

INDUSTRIES

- Natural gas utilities
- Local gas distribution companies (LDC)
- Construction companies
- Industrial gas distributors
- Gas storage facilities
- Landfill monitoring

APPLICATIONS

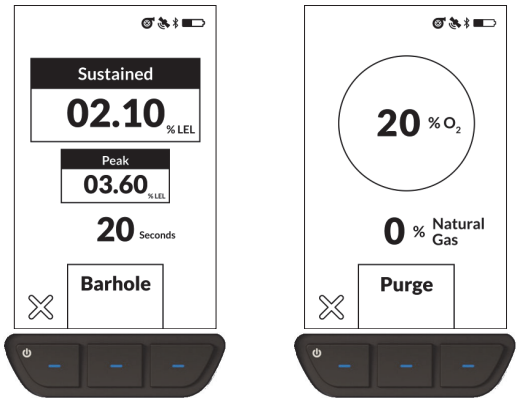
- Leak investigation
- Confined space monitoring
- Gas and purging
- Flue gas
- Barholing

9030 Monroe Road, Houston TX 77061
713-844-1300
www.heathus.com
info@heathus.com

certified WBENC WOMEN'S BUSINESS ENTERPRISE

USER INTERFACE

- ✓ User-friendly UI across all **HYBRID** products
- ✓ Enhanced usability with clean modern interface
- ✓ Touchscreen or button interface
- ✓ Option to use it in portrait or landscape mode
- ✓ Fast learning curve with familiar UI over all instruments



SPECIFICATIONS (Preliminary Subject to Change)

Gases Detected	CH_4 CO O_2 CO_2 NMHC	5ppm – 100% 1ppm – 2,000ppm 0.1% - 25% 0.2% – 30% < 0.5% Natural Gas
Measurements	Volume Gas 1% - 100% LEL	
Detection Methods/Sensors	Short-path and long-path non-dispersive infra-red (CH_4, CO, CO_2 and non-methane hydrocarbons); Luminescence-based optical (O_2)	
Pipeline Gas Discrimination	Yes, at < 0.5% natural gas mix	
Survey Modes	Gas Leak, Barhole, Purge, Confined Space, Flue	
Response Time	T10 < 2 Sec; T50 < 3 Sec; T90 < 6 Sec	
Accuracy	±10% of reading above 10ppm	
Self-Calibration	Yes (CH_4, CO, CO_2, O2); Built in self test and calibration function verifies operation and accuracy of the instrument	
Operating Temperature	0 to +122° F (-17 to 50° C)	
Humidity	0 - 95% RH, non-condensing	
Altitude	Up to 10,000 ft	
Alarms	Visual and audible	
Pump Size	1.2 LPM (0.5 LPM for barhole)	
Weight	3.7 lbs	
Physical Dimension	8.3" x 4.4" x 4.7" (212mm x 111mm x 119mm)	
Screen Dimensions	3.2" (67mm x 42mm)	
Start-Up Time	< 2 min	
Battery	4 hours operational x 2 batteries, USB-C rechargeable	
Connectivity	BLE, USB, removable SD card, OTA firmware update	
Data Logging	16GB SD storage; stores User ID, GPS location, Self-test data, Calibration test data, Flow rate data, Date and time, Gas readings, Alarms and alarm levels, Barhole data, Error Logs, Internal temperature as available	
GPS	Precision Dual frequency GNSS	
Optional Accessories	Filters, Tubing, Barhole Probe, Flue Probe, Hard Case	
Regulatory Certifications (Pending)	CE marked EMC directive (2014/30/EU) 47 CFR Part 15 II 2 G Ex ib IIA T3 Gb (-20°C<=Tamb<=50°C) Class 1 Zone 1 A Ex ib IIA T3 Gb DOT UN38.3 / IEC 62281 IEC 62133	

10/24

9030 Monroe Road, Houston TX 77061
713-844-1300
www.heathus.com
info@heathus.com

Heath® Your Safety Our Commitment