

# HYBRID™ SERVICE



## INTRODUCING THE NEXT GENERATION SERVICE 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 logged directly to the device. The first product in the series is the Service Tool.



### 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 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)
- First responders
- Gas storage facilities



### APPLICATIONS

- Leak Investigation
- Leak survey
- Confined space monitoring
- Gas and purging
- Flue gas



9030 Monroe Road, Houston TX 77061



713-844-1300



[www.heathus.com](http://www.heathus.com)

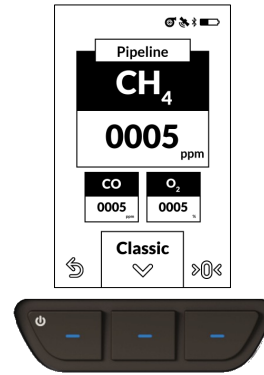


[info@heathus.com](mailto:info@heathus.com)



## USER INTERFACE

- User-friendly user interface (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)

<b>Gases Detected</b>	CH <sub>4</sub> 5ppm - 100% CO 1ppm - 2,000ppm CO <sub>2</sub> 0.2% - 30% O <sub>2</sub> 0.1% - 25%
<b>Measurements</b>	Volume Gas 1% - 100% LEL
<b>Detection Methods/Sensors</b>	Short-path and long-path non-dispersive infra-red (CH <sub>4</sub> , CO, CO <sub>2</sub> and non-methane hydrocarbons); Luminescence-based optical (O <sub>2</sub> )
<b>Pipeline Gas Discrimination</b>	Yes, at < 0.5% natural gas mix
<b>Survey Modes</b>	Gas Leak, Barhole, Purge, Confined Space, Flue
<b>Response Time</b>	T10 <2 Sec; T50 < 3 Sec; T90 <6 Sec
<b>Accuracy</b>	±10% of reading above 10ppm
<b>Self-Calibration</b>	Yes (CH <sub>4</sub> , CO, CO <sub>2</sub> ); Built in self-test and calibration function verifies operation and accuracy of the instrument
<b>Operating Temperature</b>	0 to + 122°F (-17 to 50°C)
<b>Humidity</b>	5 to 95% RH, non-condensing
<b>Altitude</b>	Up to 10,000 ft
<b>Alarms</b>	Visual and audible
<b>Sample Flow Rate</b>	1.2 LPM (0.5 LPM for barhole)
<b>Weight (Targeted)</b>	3 lbs
<b>Start-Up Time</b>	< 2 min
<b>Physical Dimension</b>	14" x 4.6" x 3" (356mm x 117mm x 77mm)
<b>Screen Dimensions</b>	3.2" (67mm x 42mm)
<b>Battery</b>	Internal, rechargeable Lithium Ion USB-C rechargeable 4 hours typical use
<b>Connectivity</b>	BLE, USB, OTA firmware update
<b>Data Logging</b>	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
<b>GPS</b>	Precision Dual frequency GNSS
<b>Optional Accessories</b>	Filters, Tubing, Barhole Probe, Flue Probe, Hard Case

<b>Regulatory Certifications (Pending)</b>	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 Consultants Incorporated operates under a continual product improvement program and reserves the right to make improvements and/or modifications without prior notification.