



ODORATOR 2™

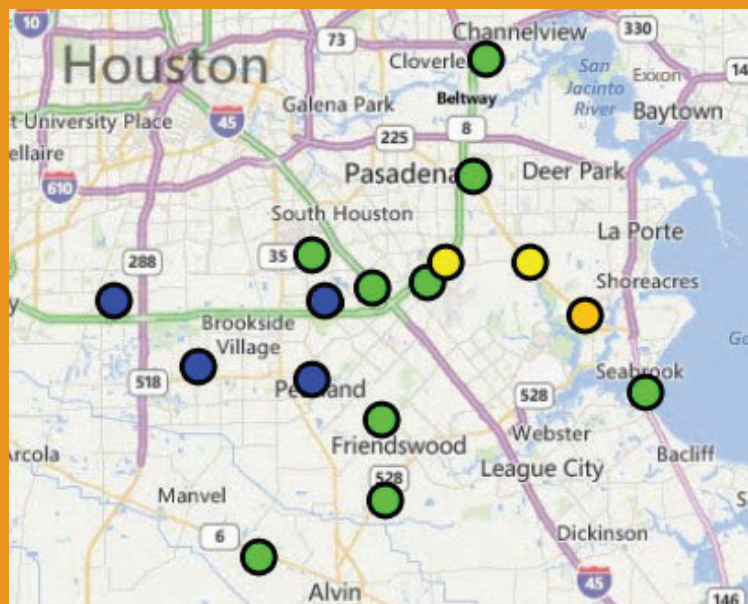
The ODORATOR 2 is Heath's latest innovation in odor level test instrumentation.

The Heath ODORATOR 2 offers the latest state-of-the-art technology in a handheld, portable, electronic, GNSS based audit system. This instrument is used to evaluate and record the odor levels within a utility's gas stream with respect to actual test locations. Natural gas (methane) and propane are two common gases typically odorized and distributed for consumption.

The ODORATOR 2 is an ideal tool for customer service personnel and other individuals testing odor levels in gas distribution or transmission systems.

Features:

- ➔ One touch zero with flow check
- ➔ Automatic recording of all readings and locations
- ➔ Automatic reading correction (linearity, elevation, pressure and temperature)
- ➔ Dual GNSS constellations – GPS and GLONASS
- ➔ Ease of integration with corporate GIS and asset management systems
- ➔ Certified to Class 1, Div 2 for safe use in hazardous locations
- ➔ Advanced PC software for mapping, report generation and management
- ➔ Replaceable, rechargeable Li Ion battery pack for long run-time
- ➔ USB 2 and Bluetooth connectivity
- ➔ Rugged design, reliable and easy to use



The OdorSeer™ mapping software allows the user to evaluate reading ranges with colors which help in identifying the odor levels in an area.



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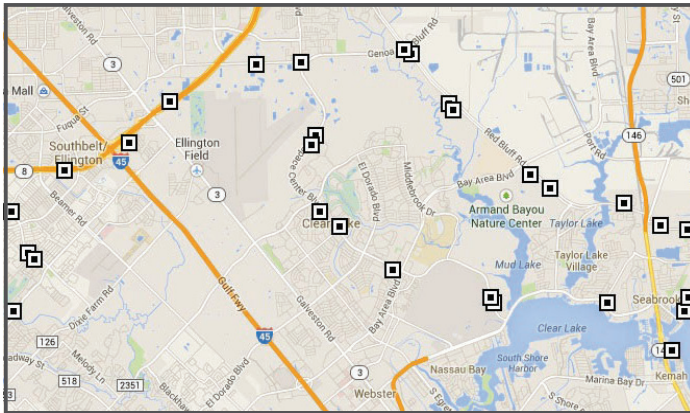
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SOFTWARE

OdorSeer and OdorSeer Remote are advanced PC software which are a key part of the ODORATOR 2 Odorization Survey Audit System. OdorSeer supports custom configuration of the instrument and via its database provides powerful readings mapping, data analysis and reporting tools. All odor level readings stored in the OdorSeer database are automatically corrected for accuracy, linearity, actual pressure and actual temperature in the instrument. OdorSeer Remote supports remote configuration and data access.

SN	Userid	Username	ReadingDate	ZeroTime	Zero	TOLTime	TOL	RDLTime	RDL	FixDateTime	Longitude	Latitude	Target
2101423003	12345	Steve	8/10/2014	8:44:24	0.0004	8:44:35	0.4381	8:44:45	0.6069	8/10/2014 8:44	-95.265015	29.6376	13.7
2101423003	12345	Steve	8/10/2014	8:20:43	0.0007	8:21:14	0.5045	8:21:25	0.7584	8/10/2014 14:20	-95.1853	29.63079	11.1
2101423003	12345	Steve	8/10/2014	14:13:54	-0.0004	14:14:04	0.5543	14:14:10	0.7938	8/10/2014 14:13	-95.10747	29.635036	-0.6
2101423003	12345	Steve	8/10/2014	13:51:23	-0.0008	13:51:38	0.4587	13:51:46	0.636	8/10/2014 13:51	-95.020996	29.550045	-9.8
2101423003	12345	Steve	8/10/2014	13:12:52	-0.001	13:13:19	0.361	13:13:26	0.4072	8/10/2014 13:13	-95.17909	29.62281	10.9
2101423003	12345	Steve	8/9/2014	17:41:30	0.001	17:41:52	0.3209	17:42:05	0.4159	8/9/2014 17:42	-95.21944	29.6153755	24.7
2101423003	12345	Steve	8/9/2014	21:13:17	-0.0008	21:13:38	0.2654	21:13:43	0.3913	8/9/2014 21:13	-95.26153	29.55594	11.3
2101423003	12345	Steve	8/9/2014	19:16:46	0.0006	19:17:00	0.3318	19:17:07	0.4619	8/9/2014 19:17	-95.21149	29.533157	16.9
2101423003	12345	Steve	8/9/2014	18:10:55	-0.0005	18:11:01	0.2801	18:11:11	0.3664	8/9/2014 18:11	-95.247826	29.6069031	7.1
2101423003	12345	Steve	8/9/2014	18:10:12	0.0006	18:10:23	0.0086	18:10:31	0.0011	8/9/2014 18:10	-95.24777	29.60703	40.9
2101423003	12345	Steve	8/8/2014	8:44:24	0.0007	8:44:35	0.4381	8:44:45	0.6069	8/8/2014 8:44	-95.265015	29.6376	13.7
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The OdorSeer software processes readings which can be converted into downloadable/exportable data.



The breadcrumb trail provides instant visibility of survey routes.

SPECIFICATIONS

Available Models:	Methane, 1.00% and 0.50% "Massachusetts", 0.15% Propane, 0.44%
Battery Pack Run-Time:	3 weeks, typical
Connectivity:	USB 2.0 and Bluetooth
Recording Media:	SDHC memory card; not accessible
Recorded Data:	All readings with GNSS location, UTC time and date, instrument status and breadcrumb trail
Inlet Supply Pressure:	7" water column, typical 4 p.s.i.g. maximum
Size:	14 x 12 x 5" (35 x 30 x 8 cm)
Weight:	9.5 lbs (4.3 kg)
Temperature Range:	**0°F to 122°F (-18 to 50°C)
Elevation Range:	Sea level to 10,000 ft. (3,048 meters)
Compliance:	GPTC (49 CFR Part 192 Subpart L 192.625), ASTM D6273
EMI/EMC:	US: FCC 47 CFR Part 15 Subpart B Canada: Industry Canada ICES-003; Class A European Union: EMC Directive 2004/108/EC utilizing EN 61326-1:2006 for Portable Test Measurement Equipment Supplied with NRTL Listed cUL/ UL / CE marked power supply
Safety Certifications:	UL61010-1/CSA C22.2 No. 61010-1 Safety requirements for electrical equipment for measurement, control, and laboratory use ANSI/ISA-12.12.01-2015 CAN/CSA C22.2 No. 213-15 Non-incendive Electrical Equipment for use in Class I and II, Division 2 hazardous locations

**Intermittent usage

ORDERING DETAILS

P/N 104175:	ODORATOR 2 Methane Gas (1.00% methane calibration)
P/N 105534:	ODORATOR 2 Methane Gas (.50% methane calibration)
P/N 105535:	ODORATOR 2 Methane Gas (.15% methane calibration)
P/N 105533:	ODORATOR 2 Propane Gas

Heath Consultants Incorporated operates under a continual product improvement program and reserves the right to make improvements and/or changes without prior notification.



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