

MRR OdorTracker™

Continuous, Automated Odorant Monitoring.

Services: Operations, Risk Management | Industries: Gas Utilities, Renewable Natural Gas, Refineries & Midstream

The OdorTracker™ is an online mercaptan measurement device designed for continuous, automated odorant monitoring at permanent and temporary odorization installations. Regulatory requirements mandate olfactory testing — and OdorTracker™ works in tandem with those sniff tests, combining technology-based measurement with human sensory confirmation to build a more resilient and defensible monitoring program.

OdorTracker™ instruments integrate with MRR's Watchtower™ digital odorant management platform, giving operators a consolidated view of odorant data across their network.

Performance

Sample Temperature	+5°C (+41°F) to +50°C (+122°F)
Operating Temperature	0°C to +50°C (NEMA 4X enclosure)
Sample Rate	1 per 2 hrs (12 daily)
Measurement Capability	TBM, THT, or total sulfur

Power & Physical

Power Input	Solar — complete unit with panels, no additional power required. 24VDC ±5% at <10W. Optional: 120VAC or TEG (Thermal Electric Generator).
Weight	~325 lbs
Dimensions (NEMA 4X)	24" × 24" × 8" — non-metallic or SS enclosure

Signal & Communication

Analog Output	Standard 3-wire 4–20mA current source. Max loop R: 750 ohms at nominal 24VDC.
Wireless Output	Optional communication module: password-protected web interface with trend chart. Accessible by computer or smartphone. High/low alarms via text or email. GDS Connect App on iOS devices. User-programmable security.

Approvals

Hazardous Location Class I, Div 1 and Div 2

Why MRR

MRR offers OdorTracker™ instruments as part of a complete odorization monitoring program. Our technicians provide installation, calibration, and ongoing maintenance support across all configurations.

Contact MRR to specify the right OdorTracker™ configuration for your application.