



ODORIZERS

planet-friendly solutions
that just make scents!



GPL 750 ODORIZER

**Precision Odorization for Low-Volume
and Intermittent Flow Applications**

REVOLUTIONIZING GAS ODORIZATION TECHNOLOGY

SETTING THE INDUSTRY STANDARD IN LOW-FLOW ODORIZATION



Portable Unit for Temp
Odorization or Pickling

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GPL 750 NATURAL GAS & BIOGAS ODORIZER

The GPL 750 delivers precise odorization in challenging flow conditions through proprietary drip technology. This advanced system handles low-volume, no-flow, and intermittent-volume applications, making it the ideal choice for municipalities, small city gate stations, and biogas producers.

ZERO EMISSIONS, ZERO ODOR

Unlike traditional systems, the GPL 750 operates with a sealed-loop design that prevents both gas and odorant discharge, ensuring odor-free operation and maintenance while protecting the environment. The system is not actuated by gas; therefore, it eliminates gas waste and emissions through its ventless design.

THE GPL STANDARD OF EXCELLENCE:

- Zero-emission design
- Odor-free operation & maintenance
- Streamlined operation & maintenance
- Advanced technology
- Reliable, safe & precise
- 24/7 technical support

INTELLIGENT CONTROL, SIMPLE OPERATION

The system features an industry-leading PLC with a 7-inch touchscreen interface that simplifies monitoring and control. Modbus compatibility enables seamless SCADA integration while built-in reporting tools streamline audit trails and compliance documentation. A Spanish-language interface is available.

PROACTIVE MONITORING

Real-time alerts delivered via wireless modem or Modbus keep operators informed through smartphones and computers, enabling quick response to potential issues before they impact operations.

VERSATILE APPLICATIONS

Optimized for low-volume and intermittent flow natural gas operations, the GPL 750 adapts perfectly to biogas and biomethane applications. Its exceptional rangeability serves municipalities, small city gate stations, and renewable natural gas facilities.



GPL 750

FEATURES & BENEFITS

GPL 750 FEATURES & BENEFITS

ENVIRONMENTAL LEADERSHIP

- **Zero-emission technology** eliminates gas and odorant discharge
- **Sealed-loop design** ensures odor-free operation & maintenance
- **Prevents false leak reports** through controlled containment

PRECISION ODORIZATION TECHNOLOGY

- **Precise odorant injection** synchronized with gas flow
- Prevents both **under- and over-odorization** scenarios
- Superior **180,000:1 turndown ratio**
- **Maintains accuracy** in challenging conditions, including zero flow

SIMPLIFIED OPERATION

- Single moving part design ensures reliable, long-term performance
- User-friendly interface reduces training time
- Minimal maintenance requirements

INTELLIGENT MONITORING

- Industry-leading PLC system with 7-inch color touchscreen
- Built-in data storage for compliance reporting
- Modbus compatibility for SCADA integration
- Wireless connectivity for remote monitoring
- Instant alerts to mobile devices and computers

CUSTOMIZABLE CONFIGURATIONS

Safety Classifications

- Class I Division 2 hazardous location rating (Division 1 optional)
- Optional heating system for extreme cold conditions
- GPL 100 thermal mass flow capability

Installation Options

- Standalone odorizer unit
- Tank integration (60-250 gallon capacity)
- Complete turnkey system on mobile skid
- Portable design for easy transport and setup



Turnkey with
Skid Extension



Turnkey with
CII Div1



GPL 750 TECHNICAL SPECIFICATIONS

PERFORMANCE SPECIFICATIONS

- **Gas Pipeline Pressure:** 1 to 225 PSI (1 to 15.5 Bar)
- **Odorant Injection Range:** 0-750 MSCFH (std); 0-1000 MSCFH (HC model) [at injection rate of 0.5 lb./MMSCFH]
- **Turndown Ratio:** 180,000:1
- **Operating Temperature:** 0 to 120 °F (-18 to 49°C)
- **Optional Heater:** Available for below 0°F (-18°C) operation

PHYSICAL SPECIFICATIONS

- **Weight:** 72 lb. (33 kg)
- **Overall Dimensions:** Mechanical Box: 28.25" (H) x 16" (W) x 9" (D); (71.76 cm x 40.64 cm x 22.86 cm); Electrical Box: 20" (H) x 16" (W) x 9" (D); (50.8 cm x 40.64 cm x 22.86 cm)
- **Enclosure:** 304 stainless steel construction
- **Hazardous Area Classification:** Standard: CII Div 2, Groups C and D; Optional: CII Div 1

ELECTRICAL SPECIFICATIONS

- **Power (Typical):** 1.5 amps DC with wireless modem
- **Power (Optional):** 2.6 amps typical with heated display and wireless modem
- **Optional:** TEG (Thermoelectric Generator)

SYSTEM SPECIFICATIONS

- **Odorant Blanket Pressure:** 10 to 15 psi (1 bar)
- **Data Logging:** Hourly archives with audit trail; FTP data retrieval; internal micro SD storage
- **User Interface:** 320x240 LCD Color Graphics Display with Touch Screen
- **Communication:** IP Remote Communication capabilities

CONNECTION SPECIFICATIONS

- **Myers Hub:** (1) 3/4 in NPT; (5) 1/2 in NPT
- **Odorant Connections:** Odorant inlet: 1/4 in Swagelok tubing; Odorant outlet: 1/2 in Swagelok tubing fitting



GPL 750 Design Configurations

- Odorizer only
- With tank and containment
- Permanent, temporary or pickling
- Turnkey (movable) system (left)

Options for GPL 750

- CII Div 1 (left)
- Heater
- GPL 100 mass flow meter
- Thermoelectric generator
- Solar panel capabilities



IMPORTANT: The end user assumes responsibility for analyzing, testing, and selecting products and materials appropriate for their specific applications. Proper installation according to manufacturer guidelines and adherence to maintenance recommendations are essential, and the end user must ensure compliance with both. Incorrect product selection, improper installation, or misuse may result in personal injury or property damage and will void the warranty.



SETTING THE ZERO-EMISSION STANDARD

PIONEERING ENVIRONMENTAL RESPONSIBILITY

GPL Odorizers is the pioneer of emissions-free gas odorization. Relying on 20+ years of field-proven DP odorization principles, the GPL odorizers have a sealed loop system, meaning no odorant or gas discharge and no smell operation and maintenance. The systems tackle the most challenging odorization applications and utilize cutting-edge technology, yet are simple to operate and maintain. GPL Odorizers is a WBE-certified small business.

EXPERT SUPPORT AVAILABLE 24/7

When you call GPL Odorizers' technical support line, you'll speak directly with an experienced technician or engineer - never a help desk or answering service. Our team of professionals provides knowledgeable, friendly assistance focused on resolving your concerns quickly and effectively.

AUTHORIZED DISTRIBUTION PARTNER

Linc Energy Systems serves as GPL Odorizers' master distributor, certified equipment trainer, and authorized service provider. Their comprehensive 1-Source Odorization Program delivers complete turnkey solutions that streamline project management and minimize client oversight. The program encompasses:

- Planning & Engineering
- Equipment Acquisition
- Operations Support
- Maintenance Services
- System Decommissioning
- Equipment Disposal

LincEnergySystems
making a measurable difference

CONTACT INFORMATION

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GPL MODEL COMPARISON

Advanced Odorization

GPL Odorizers Models	GPL 750	GPL 5000	GPL 510	GPL 10000
 Appropriate Flow Conditions	Low, intermittent, & no flow	low & high flow, medium pressure	High-pressure, low and medium flow	High-pressure, high flow
 Gases	Natural gas, RNG, biogas	Natural gas, RNG, biogas, propane (LP)	Natural gas, RNG, biogas, propane (LP)	Natural gas
 Applications	Municipalities, small city gate stations	Municipalities, small to large city gate stations*	City gate stations, transmission lines, municipalities, RNG*	Large city gate stations, transmission lines
 Odorant Injection Type	Batch	Batch	Batch or continuous	Continuous
 Actuated By	Differential Pressure	Differential Pressure	Electric-powered bellows pump	Electric-powered dual bellows pump
 Zero Emissions				
 Odor Free Operation and Maintenance				
 Gas Pipeline Pressure	1 to 225 PSI	1 to 400 PSI	Up to 1480 PSI	Up to 1480 PSI
 Odorant Injection Min - Max Flow Rate (MSCFH) [@0.5 lbs./MMSCFH]	0-750 (std); 0-1000 (HC model)	0-21,366.67	0.2 to 5000	0.2 to 10000
 Turndown Ratio	180,000:1	512:1	25,000:1	50,000:1
 Operating Temp Range	0 to 120°F (-18 to 49°C)	0 to 120°F (-18 to 49°C)	0 to 140°F (-18 to 60°C)	0 to 140°F (-18 to 60°C)
 Horner Controller 7" color touchscreen				
 Tank Sizes	60, 120, 250 gal	60, 120, 250, 500, 1000 gal	60, 120, 250, 500, 1000 gal	60, 120, 250, 500, 1000 gal
 Hazardous Area Class	CL I Div 2 Groups C & D CL I Div 1 (optional)	CL I Div 2 Groups C & D CL I Div 1 (optional)	CL I Div 2 Groups C & D	CL I Div 2 Groups C & D

GPL ODORIZERS

Design Configuration and System Types

Design Configuration:

- Odorizer only
- With tank and containment skid
- With skid extension

GPL 750

GPL 5000

GPL 510

GPL 10000



GPL 750

GPL 5000

GPL 510

GPL 10000



Complete System Types:

- Permanent
- Temporary or pickling
- Portable system (easy to move)
- Turnkey system (movable)