



## Biogas Analyzer

*Does your plant meet EPA regulatory requirements for anaerobic digester operation?*

Did you know that as an operator of a methanator (anaerobic digester), your facility is subject to several reporting, recordkeeping, and monitoring requirements?

Subpart II of the Greenhouse Gas Reporting Rule (40 CFR part 98) requires all facilities to maintain and record select parameters related to the methanator system, including methane concentration of biogas. Monitoring requirements went into effect Jan. 1, 2011. Reporting will be mandatory starting Mar. 1, 2012.

### Easy, on-site testing

The Landtec Biogas CDM portable gas analyzer measures the concentration of methane, carbon dioxide and oxygen in biogas produced by the ICM/Phoenix Methanator System or other anaerobic digesters.

It provides an easy method for plants to perform testing onsite and then download the sample data to a computer for reporting, analyzing, and archiving.

#### The equipment package includes:

- The Biogas CDM Instrument
- Operation manual
- Registration/warranty card
- Soft carrying case with replaceable protective window and carrying strap
- Clear ¼" vinyl sampling hose with external water trap filter assembly
- Blue ¼" vinyl sample exhaust hose
- Spare internal particulate filter element
- 100-240 volt battery charger
- Software on CD-ROM
- RS-232 serial cable for computer/instrument communication
- Hard carrying case
- 2-pack of calibration gas with regulator valve



**Part# 4006-00108 Biogas Analyzer**

**Package Price: \$ 9,198.00**





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## Sample Port Installation Package

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An accessory package is available with materials to install an easily accessible connection port that matches the quick connect fittings on the Biogas CDM sampling hoses. A tube connection for venting of exhausted gas from the analyzer is to prevent gas from being released indoors when testing. Internal valves in the quick connect fittings shut off gas flow when the analyzer is disconnected.

### The accessory package includes:

- Stainless steel Pipe fittings for connection to existing biogas piping
- Clear ¼" vinyl tubing with hose barb fittings, tubing support clips and tubing clamps
- Quick connect fittings in a mounting box
- Installation instructions

**Part# 2010-0071-00-00 Biogas Sample port installation package**

**Price : \$ 172.00**

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## Annual Service Agreement

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It is recommended that customers enter into an annual service agreement with the manufacturer for periodic service and calibration by a qualified technician to ensure accuracy of the instrument and compliance with regulatory requirements.

The annual service agreement provides for the instrument to be sent to the manufacturer twice per year for inspection, service, and calibration. This is a renewable contract for service to be provided by the manufacturer.

**Annual Service Agreement**

**Price \$ 1,195.00**

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## Installation and Training

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ICM can provide a quote for turnkey installation, software setup, and operator training upon request.

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## Spare Parts

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Replacement parts and calibration gases will be available through ICM.

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## Taxes and shipping

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Applicable taxes and shipping are not included in listed prices.



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To purchase, please contact your local ICM Account Manager, or ICM Customer Service at [customerservice@icminc.com](mailto:customerservice@icminc.com) or

**877.456.8588**

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