



The GDU*net* automates the essential task of regular instrument bump testing and calibration, ensuring that the Gasurveyor family of instruments are functioning correctly. This Gas Delivery Unit has 3 modes of operation, for all user requirements:

- 1) 'Network mode' — using Ethernet
- 2) 'PC mode' — using flexiCal Plus software
- 3) 'Stand Alone mode' — no PC required

When operating in 'Network mode', the GDU*net* simply connects directly to a network. All bump test and calibration results are automatically saved to a SQL database, using GMI's innovative Instrument Management System (IMS) software. Fleet management is assured and compliance is simplified.

| Features  | Benefits  |
|---|---|
| <b>Network Mode</b>   | Direct connection to network - no PC required.  |
|   | Ensures simplified installation, minimal IT involvement.  |
|   | Reduced installation costs and operating system independent.  |
|   | Multiple units can be connected.  |
| <b>Fully controlled with IMS software</b>                   | Allows simple GDUnet configuration.   |
|   | Data is automatically extracted from the GDUnet.  |
|   | Data is stored on a SQL database ensuring powerful data management.   |
|   | Simple/rapid configuration and analysis of fleet data (from database).  |
|   | Easy report configuration and generation.   |
|   | If the network connection fails, GDUnet will still operate and store data.  |
| <b>Compatible with all existing GMI 'brick' instruments</b> | Compliance.   |
|   | Customers with older instruments can upgrade gradually.   |
| <b>Integrated Operation System</b>                          | No impact to users when the operating system on their computer changes.   |
| <b>PC Mode</b>  | One to one configuration.   |
|   | Connected to a PC running flexiCal Plus via USB.  |
|   | All data is stored in a database on this PC.  |
| <b>Stand Alone</b>  | No PC or network required.  |
|   | Data is stored in the GDUnet.   |
|   | Easy extraction of results for analysis.  |
| <b>Cost Effective</b>                                       | Reduced installation costs.   |
|   | No PC required for network mode.  |
|   | 4 or 8 gas input options.   |
| <b>Mounting Options</b>                                     | Wall mounted or free standing.  |
| <b>User Friendly</b>  | Simply insert instrument and switch on.   |
|   | Display 6 LED's for status information.   |
|   | Rugged and reliable.  |
| <b>Access Control</b>                                       | Optional keypad (see image opposite), or magnetic swipe prevents unauthorized users instruments appearing on company records. |

| Technical Specification                             |  |
|---|--|
| <b>Size:</b>  | 11.8 x 11.0 x 13.8 in.<br>(300 x 280 x 350 mm.)<br>Including wall brackets and hood.               |
| <b>Weight:</b>                                      | 17.9 lbs. (8.15 kg.)   |
| <b>Power Supply:</b>                                | 12v DC, latched.   |
| <b>Gas Inlet Connections:</b>                       | 4 or 8 gas inputs.   |
| <b>Operating Temperature:</b>                       | -4°F to 122°F<br>(-20°C to 50°C)   |
| <b>Modes of Operation:</b>                          | 1) Network - Ethernet.<br>2) PC - using flexiCal Plus software.<br>3) Standalone (no PC required). |
| <b>Gas Inlet Pressure:</b>                          | 3-10 PSI   |
| <b>Electrical Connections:</b>                      | Ethernet (for network mode)<br>USB (for PC mode)<br>USB for data extraction (stand alone mode)     |
| <b>Internal Memory:</b>                             | In standalone mode, will save up to 5000 readings.   |
| <b>LED Indicators:</b>                              | 6 LED's alert the user to status, including PASS or FAIL.  |
| <b>LCD Display:</b>                                 | 2 x 16 line display.   |
| Ordering Information                                |  |
| GDUnet with 1/4 in. fittings and 8 gas connections. |  |
| GDUnet with 1/4 in. fittings and 4 gas connections. |  |
| Accessories   |  |
| flexiCal Plus Software Package.                     |  |
| flexiCal net Software.                              |  |



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