



GDU *net*



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.

Detection, Protection, Innovation



GMI. CONFIDENCE WHERE SAFETY IS CRITICAL. Gas Measurement Instruments designs, manufactures and markets a wide range of the highest quality proven personal portable and fixed gas monitoring systems. GMI is an international brand with a worldwide network of distributors and dedicated service centers ensuring fast and effective turnaround on instrument calibration and repair. Our uncompromising engineering excellence, established in over half a century of leadership, enables us to meet the exacting demands of industries where safety is critical. By building and maintaining strong relationships with our customers, GMI understands the unique challenges of the diverse markets we serve. Today, our proud heritage of pioneering gas leak monitors and detectors is shaping the future of GMI.



Features	Benefits
Network Mode	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.
Fully controlled with IMS software	Allows simple GDU <i>net</i> configuration.
	Data is automatically extracted from the GDU <i>net</i> .
	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, GDU <i>net</i> will still operate and store data.
	Compliance.
Compatible with all existing GMI 'brick' instruments	Customers with older instruments can upgrade gradually.
Integrated Operating System	No impact to users when the operating system on their computer changes.
PC Mode	One to one configuration.
	Connected to a PC running flexiCal Plus via USB.
	All data is stored in a database on this PC.
Stand Alone	No PC or network required.
	Data is stored in the GDU <i>net</i> .
	Easy extraction of results for analysis.
Cost Effective	Reduced installation costs.
	No PC required for network mode.
	4 or 8 gas input options.
Mounting Options	Wall mounted or free standing.
User Friendly	Simply insert instrument and switch on.
	Display 6 LED's for status information.
	Rugged and reliable.
Access Control	Optional keypad (see image opposite), or magnetic swipe prevents unauthorised users instruments appearing on company records.

Technical Specification	
Size:	300 x 280 x 350mm. (11.8 x 11.0 x 13.8in.) Including wall brackets and hood.
Weight:	8.15 kg (17.9 lbs.)
Power Supply:	12v DC, latched.
Gas Inlet Connections:	4 or 8 gas inputs.
Operating Temperature:	-20 Deg.C to + 50 Deg.C (-4 Deg.F to 122 Deg.F)
Modes of Operation:	1) Network - Ethernet. 2) PC - using flexiCal Plus software. 3) Standalone (no PC required).
Gas Input Pressure:	3-10 PSI
Electrical Connections:	Ethernet (for network mode) USB (for PC mode) USB for data extraction (stand alone mode)
Internal Memory:	In standalone mode, will save up to 5000 readings.
LED Indicators:	6 LED's alert the user to status, including PASS or FAIL.
LCD Display:	2 x 16 line display.
Ordering Information	
14750	GDU <i>net</i> with 6mm fittings and 8 gas connections.
14750Q	GDU <i>net</i> with 1/4in fittings and 8 gas connections.
14751	GDU <i>net</i> with 6mm fittings and 4 gas connections.
14751Q	GDU <i>net</i> with 1/4in fittings and 4 gas connections.
Accessories	
99552	flexiCal Plus Software Package.
14767	flexiCal net Software.

