TS400

Daily Bump Testing Made Simple

TS400
Test Station

- **Fully automatic** functional bump test
- **Automatic** test of alarms
- **Automatic** charging option
- **Automatic** record keeping
- Store bump test records for easy retrieval and report generation

- Up to 2,000,000 records in memory
- Economic use of test gas
- Simple pass / fail indication
- Saves time, gas and effort for **lower cost of ownership**

GfG Instrumentation

1194 Oak Valley Dr, Ste 20, Ann Arbor MI 48108 USA
(800) 959-0329 • (734) 769-0573 • www.goodforgas.com

TS400 Test Station
for G450 and G460 Detectors

Easy operation

The operation of the **TS400** test station couldn't be any easier. Simply place the G450 or the G460 in the station and the system will take over from there. The **TS400** automatically performs a full functional test that includes performance of all sensors and alarms.

Extensive diagnostics

The **TS400** is designed to go beyond the traditional basic bump test and includes sensor diagnostics tests such as T_{50} and T_{90}. After all, what good is a sensor that can respond to gas when it takes too long to get there? With the **TS400** you can have confidence with this added level of safety.

Charging option

The **TS400** is available (optionally) for use as a charger as well as a test station. After all tests have been completed you may remove and begin using the detector or leave it in the **TS400** for recharging.

Record Keeping

A good gas detection instrument maintenance program is not complete without equally good record keeping. Whether you choose to download the records, maintain the records on a PC / network or your preference is to leave the work to the test station, the **TS400** is the right choice.

The **TS400** can retain as many as 2 million complete diagnostics in memory with the maximum memory installed. That is over 50 years of data even if testing 100 detectors every single day!

Reduced cost of ownership

The **TS400** is designed to reduce the cost of ownership every step of the way. The push button regulator helps to sharply reduce the amount of gas required to test your instruments.

PC communication

The **TS400** comes complete with USB interface cable and download software. The SD card may also be downloaded using a standard SD card reader.

Maintenance certificates

The **TS400** software includes a module to quickly print official bump test certificates. Simply download the records from the **TS400** and start the "Certificate Generator" … it takes only seconds!

Detector with Pump

The **TS400** is available for use with the instrument only or there is an available design for use with the instrument with a pump. There is no need to remove the pump before placing the detector in the test station.

Specifications

Physical Properties

Dimensions:	3.5x4.7x6.3 in (90x120x160 mm)
Weight:	10.58 ounces (300 grams)
Power:	Direct power via USB connection or 12 VDC wall cube 12 VDC vehicle power (optional)

Test Protocol

Gas Response:	Automatic bump test
Response Time:	T_{50} or T_{90} tests
Alarm Activation:	Time to activate alarm-1 and alarm-2
Visual Alarm:	Automatic LED test
Audible Alarm:	Automatic horn test

Operation

Interface:	G450/G460 keypad
Display:	G450/G460 graphic display
Time stamp:	Automatic/Real-time clock

Gas Connections and Pump

Inlets:	1 Gas
Outlets:	1 Gas exhaust
Flow rate:	0.5 liter per minute

Other Specifications

Temperature range:	50-90ºF (10-32ºC)
Warranty:	1 Year

Standard Accessories

*TS400 data software
USB computer interface cable
Power supply (only with charging option)
2 GB SD memory card
*Configuration software
*Download software
*Certificate generator

* System requirements: Windows operating system.
Please note: Operation of the TS400 requires a Push button regulator.

Optional Accessories

12 VDC vehicle power adapter

Distributed by:

GfG Instrumentation