

# TOTAL

One-Stop Tools Station

TOTAL

## GAS LEAK DETECTOR

TETGA01

INDUSTRIAL



 totaltoolsworld  
 TOTAL TOOLS WORLD



# 0~9999ppm

## ***Product description***

Hand-held combustible gas leak detector is capable of finding combustible gas leaks in pipes, fittings, regulators, etc. Additional features include the capability to display %LEL, or PPM. And display ambient temperature in degrees Celsius or Fahrenheit

## ***SAFETY CONSIDERATIONS***



**WARNING:** Please follow manufacturers test procedures whenever possible. Do not place the sensor cage located on the end of the

gooseneck on hot or in hot locations.

## **GENERAL GUIDELINES**

### **ALWAYS**

- Turn the meter on in a “clean air” environment away from the test location.
- Inspect the sensor cage to ensure it is securely attached.

### **NEVER**


- Place the meter or sensor cage in or on a hot item.


## ***MEASUREMENT TECHNIQUES***

### **Controls and Functions:**


#### **Push Buttons:**

 Turns the meter on and off

 Select high or low sensitivity alarm.

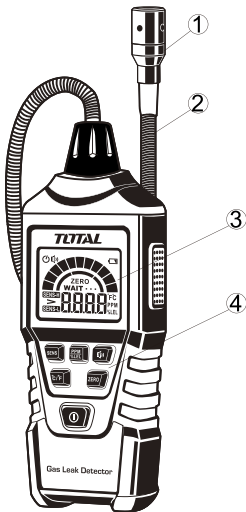
 Concentration measurement or  
selection of concentration units

 Audible alarms turn on or off

 Temperature measurement or  
selection of temperature units

 Zero Open or Close

## Instrument Layout



- ① Sensor cage containing the sensor


- ② Gooseneck
- ③ Display
- ④ Keypad

## Measurement Procedure




### WARNING!

Turn on the meter in a “clean air” environment away from the test area. Failure to do so may cause the meter to display error.

- 1) Turn the meter on by pressing the  key. The meter will begin a 30 second countdown. During this countdown the sensor is being self-tested and set to zero.
- 2) After the countdown is complete the

meter will display “00.00” and enter to normal operation.

- 3) Enter the area and begin testing. As a leak is found the concentration will be displayed on the LCD in %LEL or PPM(Press  key to switch).
- 4) To locate the source of a leak, move along the pipe, fitting, etc. being tested.
- 5) If the leak concentration is above the alarm level the alarm will sound

## ***Additional Features***

### ***Alarm Level Adjustment***

Adjusting the alert sensitivity level can be

set by the  key.


**SENS-H:** Alarm from 1.00%LEL (500PPM)

**SENS-L:** Alarm from 10.00%LEL (5000PPM)

## **Auto Power Off**

No operation, no detection concentration will automatically shut down after 10 minutes


The auto power off feature can be enabled or disabled as required:

Hold down the  key and then turn on the meter, will cancel the automatic shutdown.


Reboot, will resume automatic shutdown




## Unit select


Press  key to switch PPM or %LEL

## Mute

Press  key to turn on or off audible alarm

## Temperature display

Press the  key to display the temperature, and then press to switch the temperature unit.

Press  key to return concentration measurement

## ZERO

Press  key to zero.

## ***TECHNICAL DATA***

### **Features and Benefits**

**Auto Zero:** Automatically sets the sensor to zero at start up.

**%LEL:** Displays the percentage lower explosive limit (LEL)

**PPM:** Displays the amount of leakage in parts per million (PPM)

**Auto Off:** When enabled, the meter turns off after approximately

10 minutes to saves battery life.

Can be disabled.

## **Product Applications**

Perform the following tests and measurements with the Combustible gas leak detector:

- Locate combustible gas leaks in joints and fittings.
- Determine Lower Explosive Limit percentage.
- Determine the combustible gas leak level in ppm (parts per million).

## **Specifications**

**Leak Detection Sensitivity (methane):**

Approx.50ppm

**Gases Detected (partial listing):**

Acetone, Acetylene, Alcohol, Ammonia, Benzene, Butane, Ethanol, Ethylene Oxide, Gasoline, Hexane, Hydrogen, Methane, Naphtha, Natural Gas, Paint Thinners, Propane, Solvents, etc.

**Display Type:** Reverse Display

**Ranges:** %LEL: 0 to 20.00%; Real PPM: 0 to 9999ppm

**Accuracy:** +/-10%F.S. ( Methane)

**Alarm Indication:** Visual and audible

**Auto Zero:** Automatic at start up

**Operating conditions:** 0 to 50°C / 20 to 80%RH

**Battery:** 3x1.5V AAA Alkaline batteries

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[www.totalbusiness.com](http://www.totalbusiness.com)

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MADE IN CHINA

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