

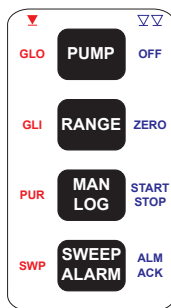
Switch On

The instrument has 4 modes of operation:

- Gas Leak Outdoors (**GLO**)
- Gas Leak Indoors (**GLI**)
- Purge (**PUR**)
- Sweep (**SWP**)

To select the required mode, **switch instrument on** with correct button:

E.g. **GLO** mode, press and hold (▼) **PUMP**



Button Functions

When instrument is on, each button can have 2 functions:

- Single Press ▼
- Double Press ▼▼

E.g. To change range, single press (▼) **RANGE**

E.g. To switch off, double press (▼▼) **PUMP (OFF)**

Warm-up

After switch on, the instrument will run through a warm-up sequence.

During warm-up, the Bump Test and Calibration due periods are indicated (e.g. 14 hrs & 40 mins).

The instrument requires to be Bump Tested daily.



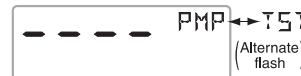
If overdue, the instrument will automatically switch off.

Soundness Check

A soundness check is necessary the first time an instrument is switched on, after a successful bump test.

At this stage, block the gas inlet. If successful PASS will be displayed.

Press any button to continue.



Warm-up is complete when the gas reading is displayed (e.g. 0.0% LEL).



Barhole Testing

Switch instrument ON in **GLO** mode, ▼ **PUMP**.

After warm-up, ensure pump is running and LEL range is selected.

▼▼ **MAN LOG** to start a 15 second timed Barhole test.

During testing the following will appear on the display:

- BarHole identifier and gas range (e.g. H01 / LEL)



After each Barhole is complete:

- A 'beep' will sound, results are stored automatically
- ▼ **RANGE** to toggle between sustained and peak readings



▼▼ **MAN LOG** to exit BarHole testing.

Mode Features

| MODE | GLO | GLI | PUR | SWP |
|----------------|--|--|-------------------------------|--|
| Feature | | | | |
| Switch On | ▼ PUMP | ▼ RANGE | ▼ MAN LOG | ▼ SWEEP ALARM |
| Change Range | ▼ RANGE | ▼ RANGE | ▼ RANGE | ▼ RANGE |
| Pump | ▼ PUMP to change operation | n/a | ▼ PUMP to change operation | ▼ PUMP Hi speed in ppm only |
| Alarms | ▼▼ SWEEP ALARM to acknowledge for 60s. | ▼▼ SWEEP ALARM to acknowledge for 60s. | n/a | ▼▼ SWEEP ALARM to acknowledge for 60s. |
| Manual Log | ▼ MAN LOG | ▼ MAN LOG | n/a | ▼ MAN LOG |
| Barhole Log | ▼▼ MAN LOG | n/a | n/a | n/a |
| Zero | ▼▼ RANGE ppm | ▼▼ RANGE ppm | ▼▼ RANGE Vol GAS | ▼▼ RANGE ppm |
| Geiger Alarm | n/a | n/a | n/a | ▼ SWEEP ALARM ppm only |
| Switch Off | ▼▼ PUMP | ▼▼ PUMP | ▼▼ PUMP | ▼▼ PUMP |

Switching Modes

To switch to a different mode of operation, ▼▼ PUMP.

As the display indicates OFF, press the button of the mode required and the instrument will switch to that mode.

Alarms

| Mode | Range | Hi | Lo | Audible | Visual |
|------|----------------|-------|-------|---------|--------|
| GLO | CO | 20ppm | - | * | * |
| | LEL | 20% | - | ✓ | ✓ |
| GLI | O ₂ | 23.5% | 19.5% | ✓ | ✓ |
| | CO | 20ppm | - | ✓ | ✓ |
| PUR | - | - | - | - | - |
| SWP | CO | 20ppm | - | * | ✓ |
| | PPM - 'Geiger' | - | - | ✓ | ✓ |

Mobile Bump / Calibration

The instrument must be bump tested daily and calibrated every 28 days. Use the Mobile Bump / Calibration Station as follows:

1. Ensure van's computer is ON.

-
-
-
-

Refer to the User Manual for full details of operation.

www.teledynegasandflamedetection.com

