

# GAS DETECTION BUMP TEST STATION



## WHAT IS A BUMP TEST?

- A bump test is a quick check to see whether your gas detector is working properly.
- You briefly expose the detector to test gas.
- The detector must respond to the gas.
- The alarms must activate.
- The detector must not give a false alarm.
- Switch off the detector or safety instrument if it does NOT pass the bump test (BUMP FAIL). Remove from service and perform calibration.

## WHY PERFORM BUMP TESTS?

To confirm the gas detector, respond to target gas and activate its alarm.

## HOW OFTEN SHOULD YOU PERFORM BUMP TESTS?

- Required as per industry guidelines or site policies and procedures.
- After every maintenance service or questionable performance.
- After long storage periods and extended downtime.

## BUMP TEST STEPS

### 1 SWITCH ON THE DEVICE

Turn the device on before placing it in the station. (Do NOT insert the device when it is off.)

The device will automatically begin the test. (Wait until the test completes). Activate the NFC by pressing and holding the button for 1.5 seconds until the unit beeps and shows the flashing NFC icon in the upper-right corner.

#### The test checks:

- The detector responds to gas
- The detector alarms correctly

At the end, the device must show **BUMP PASS**.

### 2 CHECK THE MODE

On the station dashboard, confirm that the mode is set to:

**BUMP** mode → quick operational test

**CAL** mode → sensor calibration (NOT a bump test)

### 3 PLACE THE DEVICE IN THE TEST STATION

Insert the device properly into the station.

Close the lid securely to start the test.

#### The station will automatically run:

- Select Bump to initiate the test
- Gas test (Sensor & Alarm response check)
- Result & sensors tested
- Bump Certificate produced

When the test is finished, the device can be removed and is ready for use.

