

KDF BUMP TESTING GAS KIT

What you need to know!

With regulation driving tighter calibration routines and the requirement for daily bump testing, there is a real need for test gas. Gas detectors play a key part for people and plant safety so equipment cannot afford to be out of service.

Gas detection instruments are life saving devices. A bump test is the only way to ensure the whole gas detector unit is working properly. It checks that the sensors respond to the target gas, it also verifies that the display reacts. It confirms that all the alarms are activated, and that the detector goes properly into alarm.

According to AS/NZS 60079.29.2:2016, it is recommended that the inspection and field check (bump test) for portable instrumentation is done by personnel who use the apparatus and is strongly recommended that it is performed before each day of use.

K.D.Fisher & Co Pty Ltd recommend a daily bump test be performed prior to each days use and additionally if the sensors have been exposed to a high gas concentration, and/or other environmental effects such as dirt dust and water impact, and physical affects, dropping the instrument causing damage.

If something does go wrong, what would justify not bump testing to the authorities?

Bump test gas kit (challenge kit)

The standard bump test gas kit (challenge kit) for confined space gas detectors with the following sensors, Flammable CH₄% LEL, O₂, H₂S and CO consists of the following equipment...

Cylinder	Calgaz 8AL Aluminium cylinder (disposable, recyclable)
Contents	Available as 58 litres or 34 litres
Gas composition	Quad Mix 25ppm H ₂ S/100ppm CO/2.5%CH ₄ /18% O ₂ /N ₂
Regulator	Pre-set 0.5 lpm
Carry case	High impact resistant carry case
Tubing	1 metre

In addition to the gas kit, you will require a bump test/flow plate suitable for your model of gas detector.



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