



CALCHECK™

Easy, Reliable, Gas Leak Calibration



CalCheck ensures accuracy and confidence in your instrument results. A simple 1,2,3 operation gives you fast, dependable calibration.

Gases available include:

- Helium
- Hydrogen
- Isobutylene
- SF6
- R134a
- R22
- R600a
- And any other non-corrosive gas

Advanced Gas Sensing Technologies
www.ionscience.com

CALCHECK

CalCheck is an easy-to-use reliable tool for the self-calibration and bump test of gas and leak detection instruments, giving peace of mind and confidence in the accuracy of the measurements you rely on.

For your convenience, the same base unit can be used for calibration with many different gases and at many different leak rates. Ion Science can supply you with any non-corrosive gas at a suitable concentration. The CalCheck Leak is easily removed, allowing you to order specific leak rates when required, ensuring calibration to your exact needs. As Ion Science recommends that your leak rate be returned to our calibration laboratory once a year to ensure continued accuracy, the removable leak is paramount in vastly reducing your shipping costs.

How CalCheck works

Within 5 minutes of unpacking your new CalCheck you can be making reliable self-calibration checks. Screw the gas canister into the base, following the instructions below.

1. Push down on the top of the bottle, releasing a controlled quantity of gas, ensuring that the dial needle is in the white area. If it remains in the red, a new canister is required.
2. Press the 'adjust' button until the needle moves into the green area of the dial.
3. CalCheck is now ready to use. Present your instrument to the test port for checking.

Accessories

To accompany the CalCheck unit, additional gas cylinders and standard calibrated leaks can be used with the same base unit, allowing you to calibrate to numerous specifications and with different gases at different target leak rates. Please contact us for more details of gases and leak rates available.

TECHNICAL SPECIFICATION

CONSTRUCTION

Stainless steel and alloys with ancillary components.

GASES AVAILABLE

Helium, Isobutylene, SF₆, R134a, R22, R600a and any other non-corrosive gas.

LEAK RATES AVAILABLE

As low as 5 g/yr for refrigerants, or 10⁻⁹ ml/sec depending on the gas concentration used.

CALIBRATION

Each leak is supplied with a traceable certificate valid for 12 months. Ion Science advises that each leak is returned for calibration every 12 months.

EXTRAS

Additional gas/leak kits can be purchased and used with the same base assembly.

DIMENSIONS

340 mm x 95 mm x 135 mm
13.4" x 3.7" x 5.3"

PACKED WEIGHT

Including 1 gas aerosol 1.8kg or 4 lb

ORDERING

When placing an order please specify the leak rate in ml/s, ml/min or ml/hr; the inlet pressure in mb, bar or psig; and gas e.g. helium.



For further information and ordering please call:

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ION SCIENCE is ISO9001:2000 certified
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