EcoBump Test System

Critical Environment Technologies™

The ecoBump Test System offers easy portability and convenience to bump testing fixed and portable gas detection systems. Measuring only 4 in / 10 cm high and 1.9 in / 4.8 cm in diameter, the ecoBump is so small, it can fit in your pocket, tool box or glove compartment. The regulator can be removed from one cylinder and easily affixed to another.

Attach the small trigger button regulator to the gas cylinder, affix the tubing to the regulator and press the calibration adapter plug into the sensor vent. Press for 3 short seconds to apply the proper release of gas. Use to determine if the sensor is responding to gas and the instrument's configured controls (alarms, strobes relays, analog/digital communication) are functioning accordingly. For fixed systems, expect the gas readings to increase and the low alarm to trip.

The ecoBump is for bump testing only. Do not use for calibration. If the bump test does not produce the expected results, perform a full calibration with a full size calibration gas cylinder and appropriate tools. Do not use if the expiry date on the cylinder has passed. Not recommended for use with CETCI transmitters that have a splash guard installed.

KEY FEATURES

» Hand held, compact "pocket" size
» Provides up to 250 bump tests
» Trigger button regulator to release gas and eliminate wasted gas
» Easy to carry, rugged and durable
» Non-hazardous for ground transport

CALIBRATION

TECHNICAL SPECIFICATIONS

GAS TYPE

Ammonia (NH_3), Carbon dioxide (CO_2), Carbon monoxide (CO), Propane (C_3H_8)
more gases may be available upon request

MECHANICAL

Cylinder Weight	204 g / 0.45 lbs
Cylinder Size	10 cm H x 4.8 cm Dia 4.0 in H x 1.90 in Dia
Pressure	1,200 psi
Volume	approx. 7 litres
Source Life	up to 250 tests, with 3 second gas exposure bump tests

USER INTERFACE

Trigger Button Regulator	Push the trigger to flow gas Release the trigger to stop flow of gas

ENVIRONMENTAL

Operating Temperature	Do not expose to sunlight, do not expose to temperatures greater than 50°C / 122°F

STORAGE

Remove regulator.
Secure cylinder to prevent falling or being knocked over.
Store in a dry, well-ventilated area away from sources of heat, ignition and direct sunlight.
Shelf Life: 6 months

PRODUCT CODES

CGB-NH3-50	Ammonia (NH_3) 50 ppm, with balanced Nitrogen (N_2)
CGB-CO2-2.5%	Carbon dioxide (CO_2), 2.5% vol, with balanced Nitrogen (N_2)
CGB-CO-100	Carbon monoxide (CO), 100 ppm, with balanced Nitrogen (N_2)
CGB-C3H8-50	Propane (C_3H_8) 50% LEL, with air balance
REG-CGB	Trigger button regulator, 0.5 LMP, male thread

kenelec scientific
m e a s u r i n g   u p

Distributed by:
Kenelec Scientific Pty Ltd
1300 73 22 33
sales@kenelec.com.au
www.kenelec.com.au