

CALIBRATION KIT



Key Features

- One year shelf life for most certified gases
- Large stock of most popular concentrations
- Custom mixes available
- Replacement regulators and cylinders available
- Pressure gauge on all regulators
- Sensor calibration manuals included
- Custom flow rate regulators available

Calibration kit and calibration gas bottles for use with most makes and models of gas detectors.

Calibration Technologies gas sensor calibration kits and replacement cylinders allow for field calibration of most fixed and portable gas detectors. The disposable certified gas cylinders are N.I.S.T. traceable. After initial purchase, replacement cylinders can be ordered at any time.

Standard cylinder sizes include either 17 or 29 liters. The 17L cal kit will include a regulator (female fitting) for use with the CGA600 outlet fitting (male fitting) of the 17L cylinder. The 29L cal kit will include a regulator (male fitting) for use with the C-10 outlet fitting (female fitting) of the 29L cylinder.

Each regulator is preset for 0.8 liters per minute with an easy on/off valve and includes a cylinder pressure gauge. The Calibration Kit also includes 3' of Norprene tubing and flexible calibration cups designed to fit all GG sensors, and most standard size gas cells and sensors. All kit accessories are enclosed in a durable hard carrying case with foam inserts.

Applications

- Periodic sensor calibration requirements
- Regulatory and insurance requirements
- OSHA PSM compliance
- Safety system verification

Accessories Included

- Hard carrying case (holds two cylinders)
- Norprene tubing and calibration cups
- 0.8 LPM regulator with pressure gauge
- Calibration manual for CTI sensors
- Case holds (2) calibration gas bottles



Ordering Information

Part number
Cal Kit 17L

17L Calibration Kit

Description
Calibration Kit with regulator for 17 liter bottles, calibration cups for all GG sensors, and rugged carrying case that holds two bottles (gas not included)

17L Calibration Gas Bottles

Part number	Description
RB17L-NH3/25	25 ppm ammonia
RB17L-NH3/50	50 ppm ammonia
RB17L-NH3/100	100 ppm ammonia
RB17L-NH3/250	250 ppm ammonia
RB17L-NH3/500	500 ppm ammonia
RB17L-NH3/1000	1000 ppm ammonia
RB17L-NH3/1%	1.0% ppm ammonia
RB17L-NH3/2%	2.0% ppm ammonia
RB17L-ZA	Zero air (20.9% O ₂)
RB17L-CO2/500	500 ppm carbon dioxide
RB17L-CO2/1%	1.0% carbon dioxide
RB17L-CO2/3%	3.0% carbon dioxide
RB17L-CO2/5%	5.0% carbon dioxide
RB17L-O2/15%	15% oxygen
RB17L-N2	100% nitrogen
RB17L-CO/200	200 ppm carbon monoxide
RB17L-CH4/1.0%	1.0% methane
RB17L-CH4/2.5%	2.5% methane
RB17L-H2/2000	2000 ppm hydrogen
RB17L-H2/1%	1.0% hydrogen (25% LEL)
RB17L-R22/500	500 ppm R22
RB17L-R22/1000	1000 ppm R22
RB17L-R22/3000	3000 ppm R22
RB17L-R134a/500	500 ppm R134a
RB17L-R134a/1000	1000 ppm R134a
RB17L-R134a/3000	3000 ppm R134a
RB17L-R404a/500	500 ppm R404a
RB17L-R404a/1000	1000 ppm R404a
RB17L-R404a/3000	3000 ppm R404a
RB17L-R507a/500	500 ppm R507a
RB17L-R507a/1000	1000 ppm R507a
RB17L-R507a/3000	3000 ppm R507a
RB17L-ISOB/100	100 ppm Isobutylene



17 liter regulator



CTI CALIBRATION TECHNOLOGIES
GAS DETECTION SPECIALISTS

Product Identifier: Calibration gas mixture, NH₃
Part Number: RB17L-NH3/100
Mixture: 101 ppm NH₃, balance air
Lot Number: 7-296-122
Manufacture Date: January 2018
Expiration Date: January 2019
Contents: 17L @70 deg F, 240 PSIG

Part number
Cal Kit 29L

29L Calibration Kit

Description
Calibration Kit with regulator for 29 liter bottles, calibration cups for all GG sensors, and rugged carrying case that holds two bottles (gas not included)

29L Calibration Gas Bottles

Part number	Description
RB29L-NH3/25	25 ppm ammonia
RB29L-NH3/50	50 ppm ammonia
RB29L-NH3/100	100 ppm ammonia
RB29L-NH3/250	250 ppm ammonia
RB29L-NH3/500	500 ppm ammonia
RB29L-NH3/1000	1000 ppm ammonia
RB29L-NH3/1%	1.0% ppm ammonia
RB29L-NH3/2%	2.0% ppm ammonia
RB29L-ZA	Zero air (20.9% O ₂)
RB29L-CO2/500	500 ppm carbon dioxide
RB29L-CO2/1%	1.0% carbon dioxide
RB29L-CO2/3%	3.0% carbon dioxide
RB29L-CO2/5%	5.0% carbon dioxide
RB29L-O2/15%	15% oxygen
RB29L-N2	100% nitrogen
RB29L-CO/200	200 ppm carbon monoxide
RB29L-CH4/1.0%	1.0% methane
RB29L-CH4/50%	2.5% methane
RB29L-H2/2000	2000 ppm hydrogen
RB29L-H2/1%	1.0% hydrogen (25% LEL)
RB29L-R22/500	500 ppm R22
RB29L-R22/1000	1000 ppm R22
RB29L-R22/3000	3000 ppm R22
RB29L-R134a/500	500 ppm R134a
RB29L-R134a/1000	1000 ppm R134a
RB29L-R134a/3000	3000 ppm R134a
RB29L-R404a/500	500 ppm R404a
RB29L-R404a/1000	1000 ppm R404a
RB29L-R404a/3000	3000 ppm R404a
RB29L-R507a/500	500 ppm R507a
RB29L-R507a/1000	1000 ppm R507a
RB29L-R507a/3000	3000 ppm R507a
RB29L-4GAS-B	O ₂ , CH ₄ , CO, H ₂ S (18%, 50%LEL, 100 ppm, 25 ppm)



29 liter regulator



CTI CALIBRATION TECHNOLOGIES
GAS DETECTION SPECIALISTS

Product Identifier: Calibration gas mixture, R22
Part Number: RB29L-R22/3000
Mixture: 3006 ppm R22, balance air
Lot Number: 82-124505623-1
Manufacture Date: January 2018
Expiration Date: January 2019
Contents: 29L @70 deg F, 500 PSIG