

# Calibration Kit



The Calibration Kit contains the items necessary for common field and shop calibration. (It does not include cylinders of gas.) The Kit comes in a durable, hard plastic carrying case and includes:

- 1 Regulator for fixed flow @0.5 LPM for 34 L, 58 L, 74 L, 100 L cylinders
- 2 Calibration adapter plug with O-ring and two zeroing port plugs (adapter plug fits industry standard internal sensor vents), shown with standard gas flow tubing
- 3 Humidification chamber for calibrating solid state refrigerant and TVOCs sensors, shown with standard gas flow tubing
- 4 Spare humidification sponge
- 5 Calibration adapter cup for calibrating remote ESH (dongle) sensors, shown with standard gas flow tubing
- 6 Brass fitting to convert fixed flow regulator for use on 15 L and 17 L cylinders
- 7 Durable, hard plastic carrying case with handle
- 8 Sensor extracting tool for replacing used catalytic and solid state refrigerant sensors
- 9 Potentiometer screwdriver with an inset and protruding end for adjusting resistors
- 10 Magnetic wand for non-intrusive calibration (2 5/8" x 1/4" hexagon) For use with the LPT-A and SCC.
- 11 Teflon tubing, non-absorbent, for calibrating sticky gases
- 12 Cal Clip for hands free calibration with splash guard

**NOTE:** Ozone, Chlorine and Hydrogen Chloride are sticky gases and adhere to surfaces. When calibrating use Teflon lined tubing so the gas doesn't saturate and adhere to the tubing, weakening the concentration of the flow of gas. Keep the length of the Teflon tubing to no more than 91 cm / 3 ft so the gas flow concentration doesn't lessen over the distance from the gas cylinder to the sensor.

**NOTE:** CETCI offers a range of gas types and concentrations in 17 L, 58 L and 100 L sizes. However, gas cylinders cannot be shipped from Canada to other countries, including the USA. Contact CETCI or your Regional Sales Manager for more information.

**NOTE:** CETCI does not use or sell cylinders of Chlorine gas due to the instability of the gas and the difficulty to get accurate readings from that source. We recommend that you use a Chlorine gas generator. Contact CETCI or your Regional Sales Manager for more information.

## KEY FEATURES

- » Easy access and transport of the tools required for calibration
- » Fittings and adapters accommodate different sized gas cylinders
- » Industry standard calibration adapter plug fits all internal sensors
- » Weather resistant carrying case

## APPLICATIONS

- » Any location or environment in which you need to calibrate a sensor internally or externally mounted.

## PRODUCT CODES

Calibration Kit (complete)	CET-715A-CK1
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## REPLACEMENT PARTS

1	Replacement regulator for fixed flow @0.5 LPM for 34 L, 58 L, 74 L and 100 L cylinders	REG-0715-CR2
2	Replacement calibration adapter plug with O-ring & two zeroing port plugs for all internal sensors, does not come with tubing	CET-7000-CAP
3	Replacement humidification chamber with sponge for calibrating solid state refrigerant and TVOCs sensors, does not come with tubing	CET-8000-HC
4	Replacement sponge for humidification chamber	CET-8000-HCS
5	Replacement calibration adapter cup for calibrating remote ESH (dongle) sensors, does not come with tubing	CET-8000-ESH
6	Replacement brass fitting that threads onto regulator to accommodate 15 L and 17 L cylinders	REG-ADAPTER
8	Replacement sensor extracting tool	CET-8000-SRT
9	Replacement potentiometer screwdriver with an inset and protruding end for adjusting resistors	CET-8000-PAS
10	Replacement magnetic wand for non-intrusive calibration of LPT-A and SCC	CET-MW
11	Replacement gas flow Teflon lined tubing for sticky gases, special non-absorbent, 2 ft, 3/16" ID / 5/16" OD	CET-8000-CTFT
12	Cal clip for hands free calibration with a splash guard	CET-SGC
	Replacement gas flow tubing, standard, yellow, 2 ft, 3/16" ID / 5/16" OD	CET-8000-CKFT

## OPTIONAL ACCESSORIES

Calibration adapter cup (explosion proof)	CXP-CAL
Calibration adapter cup for SCS	CET-8000-CA