

# Calibrating Cl<sub>2</sub>, HCl or O<sub>3</sub> Sensors

ITEMS REQUIRED TO CALIBRATE A GAS DETECTOR WITH A STICKY GAS (Cl<sub>2</sub>, HCl, OR O<sub>3</sub>) SENSOR USING A 34L, 58L, 78L OR 100L CYLINDER OF GAS:



When calibrating sticky gases use Teflon tubing (no more than 91 cm / 3 ft in length) so the gas doesn't saturate and adhere to the tubing, weakening the concentration of the flow of gas and causing an inaccurate calibration.

NUMBER	FUNCTION	PART NUMBER
1	Grey calibration adapter plug. Fits industry standard internal sensor vent openings. Comes attached to standard tubing. Remove and attach to Teflon tubing.	CET-7000-CAP
2	Teflon, special non-absorbent tubing (approx 61 cm / 2 ft long). Attach to the grey calibration adapter plug before use.	CET-8000-CKFT
3	Regulator for fixed flow @0.5 LPM. Fits 34 L, 58 L, 74 L, and 100 L cylinders	REG-0715-CR2
4	Span Gas / Zero Gas cylinder, with air balance or nitrogen balance (electrochemical sensors)	various

**NOTE:** For accurate calibration of Chlorine sensors, use a Chlorine gas generator such as the GENIE-EC and for Ozone sensors, use the GENIE-O3. Cylinders of these types of gases can be unstable and difficult to get accurate readings from as a calibration gas source.