

TracXP™

Industrial Gas Solutions
by Macurco

TracXP is the industrial products division of Macurco Gas Detection, who has been providing gas detection solutions for over 50 years. The TracXP line addresses special hazard applications including harsh industrial environments and hazardous locations with a comprehensive line of wired and wireless gas detection solutions.



TracXP Industrial Calibration Guide



Gas Sold Separately

The TracXP TXP-T40 and TXP-WTA transmitters require routine testing and calibration. TracXP offers a calibration kit and appropriate bump/calibration gas to test and calibrate the detectors in the field. Sensors may drift over time, so it is recommended to have a maintenance plan to ensure detectors respond to gas appropriately. Gas calibration is exposing a sensor to a target gas at a specific concentration and then adjusting the gas detector to read that gas concentration properly. Macurco recommends testing and calibration at least once per quarter / three months at a minimum, but depending on the application and risk potential of the application a greater frequency might be needed. Check with local authorities for any specific regulations.



88-C50I-0000-00
TXP Calibration Adapter

Calibration Video

Part Number	Description	Includes	Gas	Used With
30-0062-2200-1	Cal Kit TXP 1	Calibration Case, Teflon Tubing (3'), Magnetic Wands, 0.5 LPM (Male) Regulator	Sensor Specific (sold separately)	T40 Poly, T40 AL, T40 SS, WTA Poly, WTA AL
88-C50I-0000-00	TXP Sensor Head Calibration Adapter (Stainless Steel Sensor Housing Only)			T40 AL, T40 SS, WTA AL, TXP-SDA
82-1100-0000-00	Gas Regulator, 0.5 LPM Fixed Flow, Male Thread			T40 Poly, T40 AL, T40 SS, WTA Poly, WTA AL
31-0006-4603-2	Gas Regulator (Male), Demand Flow 0-3 LPM, Stainless Steel			TXP-SDA
88-C50G-0000-00	TXP Splash Guard With Calibration Port (Stainless Steel Sensor Housing Only)			T40 AL, T40 SS, WTA AL

TracXP Gases



TracXP Part Number	Gas	Concentration	Description
Zeroing Gas Cylinders			
37-0474-0264-2	Zero Air Oxygen	20.9% Vol	Oxygen - O ₂ , 20.9% Vol, Bal/N ₂ , 105L
37-0442-4462-2	Nitrogen	100% Vol	Nitrogen - N ₂ , 100% Vol, Bal/N ₂ , 116L
Toxic Span Gas Cylinders			
37-0031-2244-2	Ammonia	50 PPM	Ammonia - NH ₃ , 50 ppm, Bal/N ₂ , 58L
37-0031-4244-2	Ammonia	200 PPM	Ammonia - NH ₃ , 200 ppm, Bal/N ₂ , 58L
37-0072-1264-2	Carbon Dioxide	2,500 PPM	Carbon Dioxide - CO ₂ , 2,500 ppm, Bal/N ₂ , 105L
37-0073-5264-2	Carbon Dioxide	2.5% Vol	Carbon Dioxide - CO ₂ , 25,000 ppm/2.5% Vol, Bal/N ₂ , 105L
37-0074-2164-2	Carbon Dioxide	50% Vol	Carbon Dioxide - CO ₂ , 50.0% Vol, Bal/N ₂ , 105L
37-0080-8164-2	Carbon Monoxide	25 PPM	Carbon Monoxide - CO, 25 ppm, Bal/Air, 105L
37-0081-2164-2	Carbon Monoxide	50 PPM	Carbon Monoxide - CO, 50 ppm, Bal/Air, 105L
37-0081-3144-2	Carbon Monoxide	100 PPM	Carbon Monoxide - CO, 100 ppm, Bal/Air, 58L
37-0081-8164-2	Carbon Monoxide	500 PPM	Carbon Monoxide - CO, 500 ppm, Bal/Air, 105L
37-0090-4144-2	Chlorine	5 PPM	Chlorine - Cl ₂ , 5 ppm, Bal/Air, 58L
37-0150-6244-2	Ethylene Oxide	10 PPM	Ethylene Oxide - C ₂ H ₄ O, 10 ppm, Bal/N ₂ , 58L
37-0251-2244-2	Hydrogen Chloride	50 PPM	Hydrogen Chloride - HCl, 50 ppm, Bal/N ₂ , 58L
37-0260-4144-2	Hydrogen Cyanide	25 PPM	Hydrogen Cyanide - HCN, 25 ppm, Bal/N ₂ , 58L
37-0291-0444-2	Hydrogen Sulfide	5 PPM	Hydrogen Sulfide - H ₂ S, 5 ppm, Bal/Air, 58L
37-0290-8144-2	Hydrogen Sulfide	25 PPM	Hydrogen Sulfide - H ₂ S, 25 ppm, Bal/Air, 58L
37-0291-1344-2	Hydrogen Sulfide	100 PPM	Hydrogen Sulfide - H ₂ S, 100 ppm, Bal/Air, 58L
37-0291-5144-2	Hydrogen Sulfide	250 PPM	Hydrogen Sulfide - H ₂ S, 250 ppm, Bal/Air, 58L
37-0780-4244-2	Methyl Mercaptan	5 PPM	Methyl Mercaptan - CH ₃ SH, 5 ppm, Bal/N ₂ , 58L
37-0431-2244-2	Nitric Oxide	50 PPM	Nitric Oxide - NO, 50 ppm, Bal/N ₂ , 58L
37-0451-0644-2	Nitrogen Dioxide	10 PPM	Nitrogen Dioxide - NO ₂ , 10 ppm, Bal/Air, 58L
37-0473-9264-2	Oxygen	18% Vol	Oxygen - O ₂ , 18% Vol, Bal/N ₂ , 105L
37-0510-4244-2	Phosphine	5 PPM	Phosphine - PH ₃ , 5 ppm, Bal/N ₂ , 60L
37-0580-6144-2	Sulfur Dioxide	10 PPM	Sulfur Dioxide - SO ₂ , 10 ppm, Bal/Air, 58L
Combustible (LEL) Span Gas Cylinders			
37-0023-0164-2	Acetylene	50% LEL	Acetylene - C ₂ H ₂ , 50% LEL/1.25% Vol, Bal/Air, 105L
37-0163-0164-2	Ethylene	50% LEL	Ethylene - C ₂ H ₄ , 50% LEL/1.35% Vol, Bal/Air, 105L
37-0232-2164-2	Hydrogen	5,000 PPM	Hydrogen - H ₂ , 5,000 ppm, Bal/Air, 105L
37-0233-0164-2	Hydrogen	50% LEL	Hydrogen - H ₂ , 50% LEL/2.0% Vol, Bal/Air, 105L
37-0311-3164-2	Isobutylene	100 PPM	Isobutylene - C ₄ H ₈ , 100 ppm, Bal/Air, 105L
37-0311-9164-2	Isobutylene	1,000 PPM	Isobutylene - C ₄ H ₈ , 1,000 ppm, Bal/Air, 105L
37-0372-8164-2	Methane	25% LEL	Methane - CH ₄ , 25% LEL/1.25% Vol, Bal/Air, 105L
37-0373-0164-2	Methane	50% LEL	Methane - CH ₄ , 50% LEL/2.5% Vol, Bal/Air, 105L
37-0372-4263-2	Methane	50% Vol	Methane - CH ₄ , 50% Vol, Bal/N ₂ , 105L
37-0423-0164-2	N-Butane	50% LEL	N-Butane - C ₄ H ₁₀ , 50% LEL/0.9% Vol, Bal/Air, 105L
37-0493-0164-2	Pentane	50% LEL	Pentane - C ₅ H ₁₂ , 50% LEL/0.7% Vol, Bal/Air, 105L
37-0521-2864-2	Propane	25% LEL	Propane - C ₃ H ₈ , 25% LEL/.525% Vol, Bal/Air, 105L
37-0523-0164-2	Propane	50% LEL	Propane - C ₃ H ₈ , 50% LEL/1.05% Vol, Bal/Air, 105L



Macurco Gas Detection

1504 W. 51st Street

Sioux Falls, SD 57105

Phone: 1-877-367-7891

Website: www.macurco.com

Email: info@macurco.com

All rights reserved. Macurco Inc.

9/2025

