



P1879 Calibration Kits

P1880 Calibration Gas Cylinders



In order to ensure reliable operation, all fixed and portable gas detectors, monitors, controllers and transmitters must be calibrated to on-site environmental conditions. In addition, regular checks and calibrations ensure that these devices are ready to respond with the accuracy, speed and precision expected from these products.

Conspec's Calibration Gas Cylinders are manufactured and packaged by ISO/IEC 17025 accredited labs to provide the most consistent mixtures for your calibration gas needs.

- All gas mixtures are supplied by ISO/IEC 17025:2005 accredited laboratories to ensure the highest quality and consistency in gas mixtures.
- All gas mixtures are packaged and supplied in accordance with National and International standards to ensure safe transportation and storage of pressurized calibration gas cylinders.
- Conspec's P1880 Gas Cylinders are delivered in disposable, small, lightweight, recyclable cylinders.
- All Conspec test gas mixtures are designed specifically to meet the requirements of calibration of Conspec's and most third party gas detection products.
- Conspec P1879 Calibration Kits come with the appropriate Zero Gas for the target gas of the target device to ensure the most accurate calibration.
- Conspec's pressure flow regulators are designed specifically to meet the calibration requirements of Conspec's and most other manufacturer's gas detection products.
- Conspec's P1883 Carrying Cases for Calibration Kits are lightweight and durable cases to facilitate ease of transportation of calibration kits in the harshest of environments.

All Conspec Gas Mixtures Are Supplied by ISO/IEC 17025:2005 Accredited Laboratories

The ISO/IEC 17025:2005 is an internationally accepted Quality Management System standard that is compatible with, but not equivalent to the ISO 9001 standard. The ISO/IEC 17025:2005 standard is used to assess the technical competency of any laboratory that produces testing and calibration results. Management and technical components encompass laboratory activities including: sample preparation, analytical testing proficiency, measurement uncertainty, evidence of traceability, document handling, record keeping and reporting.

The ISO/IEC 17025:2005 accreditation is a third party validation of a laboratory's level of proficiency and commitment to quality. Because this heightens a customer's confidence in the specialty gases they purchase, in some industries, use of ISO/IEC 17025 certified products is mandatory.

P1879 Calibration Kits

Components & Ordering Information

Components

Carrying Case	1 x P1883 2 Cylinder Hard Carry Case
Regulator	1 x P1882 Stainless Steel 0.5 LPM Air Flow Regulator (the specified flow rate for most Conspec and third party gas detection products). A P1882-1 Stainless Steel 1 LPM Air Flow Regulator may be substituted by request.
Tubing	1 x 4'x3/16"IDx5/16OD PVC Tubing
Calibration Adaptors	1 x P3013-SM Smart Head Calibration Adaptor, 1 x P3013 Calibration Adaptor for Standard NEMA 4x Sensors, 1 x P3013-N/T Calibration Adaptor for Standard XP Sensor Housings
Calibration Gas Cylinders	1 x Cylinder Target Gas, 1 x Cylinder Zero Gas (Either P1879-Z or P1879-N2)

Ordering Information for Standard Available Gas Mixtures (Specify target gas range at time of ordering)

P1879-NH3	Ammonia Calibration Kit
P1879-CO2	Carbon Dioxide Calibration Kit
P1879-CO	Carbon Monoxide Calibration Kit
P1879-CO/VC	Carbon Monoxide Calibration Kit with Conspec CO-VC programmer
P1879-Cl2	Chlorine Calibration Kit
P1879-C2H4O	Ethylene Calibration Kit
P1879-H2	Hydrogen Calibration Kit
P1879-HCl	Hydrogen Chloride Calibration Kit
P1879-HCN	Hydrogen Cyanide Calibration Kit
P1879-H2S	Hydrogen Sulfide Calibration Kit
P1879-C4H8	Isobutylene Calibration Kit
P1879-CH4	Methane Calibration Kit
P1879-NO	Nitric Oxide Calibration Kit
P1879-NO2	Nitrogen Dioxide Calibration Kit
P1879-NOX	Nitrous Oxide Calibration Kit
P1879-O2	Oxygen Calibration Kit ***Includes P1880-N2 Nitrogen Calibration Gas Instead of Standard P1880-Z Zero Gas
P1879-C3H8	Propane Calibration Kit
P1879-SO2	Sulfur Dioxide Calibration Kit
P1879-MIX1	Conspec Multi-Gas Mixture 1 (Carbon Monoxide (CO) 100ppm, Methane (CH4) 2.5% Vol., Oxygen (O2) 17% Vol., Balance Nitrogen (N2)) ***Includes P1880-N2 Nitrogen Calibration Gas Instead of Standard P1880-Z Zero Gas
P1879-MIX2	Conspec Multi-Gas Mixture 2 (Carbon Monoxide (CO) 100ppm, Methane (CH4) 2.5% Vol., Hydrogen Sulfide (H2S) 25ppm, Oxygen (O2) 17% Vol., Balance Nitrogen (N2)) Calibration Kit ***Includes P1880-N2 Nitrogen Calibration Gas Instead of Standard P1880-Z Zero Gas
P1879-MIX3	Conspec Multi-Gas Mixture 3 (Carbon Monoxide (CO) 250ppm, Methane (CH4) 2.5% Vol., Oxygen (O2) 17% Vol., Balance Nitrogen (N2)) Calibration Kit ***Includes P1880-N2 Nitrogen Calibration Gas Instead of Standard P1880-Z Zero Gas

Other gas mixtures are available upon request - Contact Conspec or your local Conspec Distributor for Availability.



P1800 Calibration Gas Cylinders

Ordering Information for Standard Available Gas Mixtures (Specify target gas range at time of ordering)

P1880-NH3	Ammonia Calibration Gas Cylinder (103L)
P1880-CO2	Carbon Dioxide Gas Cylinder (103L)
P1880-CO	Carbon Monoxide Gas Cylinder (103L)
P1880-Cl2	Chlorine Calibration Gas Cylinder (58L)
P1880-C2H4O	Ethylene Calibration Gas Cylinder (58L)
P1880-H2	Hydrogen Calibration Gas Cylinder (103L)
P1880-HCl	Hydrogen Chloride Calibration Gas Cylinder (58L)
P1880-HCN	Hydrogen Cyanide Calibration Gas Cylinder (58L)
P1880-H2S	Hydrogen Sulfide Calibration Gas Cylinder (58L)
P1880-C4H8	Isobutylene Calibration Gas Cylinder (103L)
P1880-CH4	Methane Calibration Gas Cylinder (103L)
P1880-N2	Nitrogen Calibration Gas Cylinder (103L) ***used as Zero Gas for Oxygen and Ozone Gas Detectors – see your product’s specifications if this is the appropriate Zero Gas
P1880-NO	Nitric Oxide Calibration Gas Cylinder (58L)
P1880-NO2	Nitrogen Dioxide Calibration Gas Cylinder (58L)
P1880-NOX	Nitrous Oxide Calibration Gas Cylinder (58L)
P1880-O2	Oxygen Calibration Gas Cylinder (103L)
P1880-C3H8	Propane Calibration Gas Cylinder (103L)
P1880-SO2	Sulfur Dioxide Calibration Gas Cylinder (103L)
P1880-MIX1	Conspec Multi-Gas Mixture 1 (Carbon Monoxide (CO) 100ppm, Methane (CH4) 2.5% Vol., Oxygen (O2) 17% Vol., Balance Nitrogen (N2)) Calibration Gas Cylinder (103L)
P1880-MIX2	Conspec Multi-Gas Mixture 2 (Carbon Monoxide (CO) 100ppm, Methane (CH4) 2.5% Vol., Hydrogen Sulfide (H2S) 25ppm, Oxygen (O2) 17% Vol., Balance Nitrogen (N2)) Calibration Gas Cylinder (103L)
P1880-MIX3	Conspec Multi-Gas Mixture 3 (Carbon Monoxide (CO) 250ppm, Methane (CH4) 2.5% Vol., Oxygen (O2) 17% Vol., Balance Nitrogen (N2)) (103L)
P1880-Z	Standard Zero Air Calibration Gas Cylinder (103L) ***not used as Zero Gas for Gas Mixes Oxygen which require N2 to be used as Zero Gas. Other products may require the use of a substitute mixture for Zero Gas due to gas cross-sensitivity– see your product’s specifications to determine the appropriate Zero Gas

Other gas mixtures are available upon request – Contact Conspec or your local Conspec Distributor for Availability.

Calibration Accessories

Accessories

P1882	Stainless Steel 0.5L Air Flow Regulator
P1882-1	Stainless Steel 1L Air Flow Regulator
P1883	2 Cylinder Hard Carry Case for Calibration Kits
P1883-A	2 Cylinder Soft Carry Case for Calibration Kits
P1883-B	2 Cylinder Hard Carry Case for Calibration Kits
P1883-T	3/16"IDx5/16"OD PVC Tubing For Calibration Kits (Specify Length)
P3013	Calibration Adaptor for Standard NEMA 4 Sensors
P3013-1	Calibration Adaptor for Standard NEMA 4 Sensors w/ 4"x3/16" I.D. x 5/16" O.D Tubing
P3013-E	Calibration Adaptor For P2458 Combustible Sensor
P3013-I	Brass 1/8"NPT Calibration Adaptor for P1246 Combustible gas Sensor
P3013-FTA	Flow-Through Calibration Adaptor for standard NEMA 4 Sensor
P3013-FTA/C	Flow-Through Calibration Adaptor for P2580-2 Combustibles Sensor
P3013-FTA/S	Short Flow-Through Calibration Adaptor for standard NEMA 4 Sensors
P3013-FTA/T	Flow-Through Calibration Adaptor for XP 7-Series Sensor Housing
P3013-N/C	Calibration Adaptor for P2580-2 Combustibles Sensor
P3013-N/C-1	Nemoto Combustibles Calibration Cap w/ 1/8" Brass & Open Bottom
P3013-N/T	Calibration Adaptor for XP 7-Series Sensor Housing
P3013-SM	Smart Head Calibration Cap
P3013-SM-1	Smart Head Calibration Cap w/ 4"x3/16" I.D. x 5/16" O.D Tubing
P2580	Dust Cap
213700	Replacement PTFE Sensor Filters (100/pkg.)

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