

Dräger Polytron® Calibration Accessories



The calibration kit consists of a sturdy carrying case that can easily be taken to the field filled with all the accessories needed for calibrating one of the following transmitters:

- Polytron® 3000 / Polytron® 7000
- Polytron® 5100 / Polytron® 8100
- Polytron® 5200 / Polytron® 8200
- Polytron® 5310 / Polytron® 8310
- Polytron® 5700* / Polytron® 8700*
- Polytron® 5720* / Polytron® 8720*
- Polytron® 6100 EC Wireless
- PointGard 3100 / PointGard 3200
- PointGard 3700* / PointGard 3720*
- Dräger PIR 7000* / PIR 7200*
- Dräger PIR 3000

Each calibration kit includes a zero-gas cylinder plus tubing, flow regulator, and calibration adapter. For IR sensors marked with a (*) a special IR sensor calibration adapter 6811610 is required and not included in the basic kit.

Calibration Kits	
4594620	Calibration Kit (Includes case, calibration adapter 4509314, 500 cc/min cylinder regulator, and 20.9% O ₂ 103L @1000 psi zero air gas cyl)
4594553	Calibration Kit - Reactive Gases (Includes case, FKM calibration adapter, 500 cc/min St. Steel adjustable flow regulator and 20.9% O ₂ 103L @1000 psi zero gas cylinder)
Combustible Gas Cylinders	
4594627	Cyl, Gas Hydrogen 2 Vol% H ₂ (50% LEL) bal Air 103 L @ 1000 psi, 60 months shelf life
4594629	Cyl, Gas Ethylene 1.35 Vol% C ₂ H ₄ (50% LEL) bal Air 103L @1000 psi, 60 months shelf life
4557019	Cyl, Gas Methane 2.5 Vol% (50% LEL)/bal Air 103 L @ 1000 psi, 60 months shelf life
4594625	Cyl, Gas Methane 40 Vol% CH ₄ bal N ₂ 34 L @ 500 psi (requires regulator 4593987), 60 months shelf life
4510057	Cyl, Gas Pentane 0.75 Vol% (50% LEL) bal Air 80 L @ 1000 psi, 60 months shelf life
4594624	Cyl, Gas Propane 0.75 Vol. % (35.7% LEL) propane, bal Air 103L @1000 psi, 60 months shelf life
4594655	Dräger Standard 4-Gas Cal/ Bump Mix 50% LEL CH ₄ , 100 PPM CO, 25 PPM H ₂ S, 17%Vol O ₂ , Balance Air, 103L, 60 months shelf life

Toxic Gas Cylinders

4594957	Ammonia Calibration Gas, 50 ppm, balance N ₂ , 58 L, 500 psi, 18 months shelf life
4594958	Ammonia Calibration Gas, 150 ppm, balance N ₂ , 58 L, 500 psi, 18, months shelf life
4594963	Chlorine Calibration Gas, 2 ppm, balance N ₂ , 58 L, 500 psi, 9 months shelf life
4594964	Chlorine Calibration Gas 5 ppm, balance N ₂ 58 L, 500 psi, 9 months shelf life
4502152	Carbon Monoxide Calibration Gas 25 ppm, balance Air, 103 L, 1000 psi, 60 months shelf life
4502153	Carbon Monoxide Calibration Gas 50 ppm, balance N ₂ , 103 L, 1000 psi, 60 months shelf life
4520128	Carbon Monoxide Calibration Gas 100 ppm, balance N ₂ , 103 L, 1000 psi, 60 months shelf life
4502154	Carbon Monoxide Calibration Gas 250 ppm, balance, N ₂ , 103 L, 1000 psi, 60 months shelf life
4502168	Carbon Monoxide Calibration Gas 1000 ppm, balance N ₂ , 103 L, 1000 psi, 60 months shelf life
4594644	Carbon Monoxide Calibration Gas 3500 ppm, balance, Air, 103 L, 1000 psi, 60 months shelf life
4595193	Carbon Dioxide Calibration Gas 2.5 Vol %, balance, Air, 103 L, 1000 psi, 60 months shelf life
4595194	Carbon Dioxide Calibration Gas 1000 ppm, balance Air, 103 L, 1000 psi, 60 months shelf life
4594611	Carbon Dioxide Calibration Gas 15 Vol %, N ₂ , 103 L, 1000 psi, 60 months shelf life
4597080	Carbon Dioxide Calibration Gas 3000 ppm, Air, 103 L, 1000 psi, 60 months shelf life
4594645	Ethylene Calibration Gas 100 ppm, balance, Air, 103 L, 1000 psi, 60 months shelf life
4594649	Ethylene Calibration Gas 25 ppm, balance, Air, 103 L, 1000 psi, 60 months shelf life
4594660	Ethylene Oxide Calibration Gas, 10 ppm, N ₂ , 58 L, 500 psi, 12 months shelf life
4594628	Hydrogen Calibration Gas 500 ppm, Air, 103 L, 1000 psi, 60 months shelf life
4594960	Hydrogen Sulfide Calibration Gas 10 ppm, N ₂ , 58 L, 500 psi, 24 months shelf life
4502155	Hydrogen Sulfide Calibration Gas 25 ppm, N ₂ , 58 L, 500 psi, 24 months shelf life
4502183	Hydrogen Sulfide Calibration Gas 100 ppm, N ₂ , 58 L, 500 psi, 24 months shelf life
4597067	Hydrogen Sulfide Calibration Gas 25 ppm (CGA330), Air, 900 L, 2000 psi, 24 months shelf life
4594626	Hydrogen Chloride Calibration Gas 25 ppm, N ₂ , 58 L, 500 psi, 12 months shelf life
4594658	Hydrogen Chloride Calibration Gas 10 ppm, N ₂ , 58 L, 500 psi, 12 months shelf life
4594603	Hydrogen Chloride Calibration Gas 5 ppm, N ₂ , 58 L, 500 psi, 12 months shelf life
4594962	Hydrogen Cyanide Calibration Gas 10 ppm, N ₂ , 58 L, 500 psi, 18 months shelf life
4594648	Mercaptan Calibration Gas 10 ppm, N ₂ , 58 L, 500 psi, 12 months shelf life
4594838	Nitrogen Calibration Gas 100% Vol., N ₂ , 103 L, 1000 psi, 60 months shelf life
4552020	Nitric Oxide Calibration Gas 25 ppm, N ₂ , 58 L, 500 psi, 18 months shelf life
4594978	Nitric Oxide Calibration Gas 50 ppm, N ₂ , 58 L, 500 psi, 18 months shelf life
4594977	Nitrogen Dioxide Calibration Gas 10 ppm, N ₂ , 58 L, 500 psi, 6 months shelf life
4594959	Nitrogen Dioxide Calibration Gas 25 ppm, N ₂ , 58 L, 500 psi, 6 months shelf life
4597102	Nitrogen Dioxide Calibration Gas 10 ppm (CGA660), N ₂ , 650 L, 1500 psi, 6 months shelf life
4594609	Oxygen Calibration Gas 17% Vol., N ₂ , 103L, 1000 psi, 60 months shelf life
4594961	Sulfur Dioxide Calibration Gas 5 ppm, N ₂ , 58 L, 500 psi, 24 months shelf life
4597050	Sulfur Dioxide Calibration Gas 10 ppm, N ₂ , 58 L, 500 psi, 24 months shelf life
4597049	Sulfur Dioxide Calibration Gas 35 ppm, N ₂ , 58 L, 500 psi, 24 months shelf life
4597057	Phosphine Calibration Gas 0.5 ppm, N ₂ , 58 L, 500 psi, 18 months shelf life
4594987	Phosphine Calibration Gas 5.0 ppm, N ₂ , 58 L, 500 psi, 18 months shelf life
4510058	Zero Air Calibration Gas 20.9% Vol. O ₂ , N ₂ , 103 L, 1000 psi, 60 months shelf life

Multigas Cylinders	
4594599	SO ₂ 10 ppm, CO 200 ppm, 17 Vol % O ₂ , N ₂ , 58 L, 500 psi, 24 months shelf life
4594656	CO 100 ppm, CH ₄ 50%LEL. O ₂ 20.9% in N ₂ , 34 L, 500 psi, 60 months shelf life
Refrigerant Gas Cylinders	
SC04881	R-22 Cal Gas (1000 ppm, balance air) for calibrating the Dräger Refrigerant Transmitter
SC04882	R-143a Cal Gas (1000 ppm, balance air) for calibrating the Dräger Refrigerant Transmitter
NA10798	R134a 1000 ppm N ₂ 103L Cal Gas for calibrating the Dräger Refrigerant Transmitter
Flow Regulators	
4594952	500cc Reactive gas resistant 5/8"-18 UNF (required for NH ₃ calibration)
4594640	500cc Trigger Regulator 5/8"-18 UNF for both Bump Testing and Calibration
4593987	500cc Regulator, 17/34 L Cylinders, CGA-600
4594589	500cc Regulator, 650/900 L Cylinders, CGA-330
4544878	Adjustable Flow Regulator, SS, 5/8" UNF, 0-5 L
4594641	Demand Flow Regulator 5/8" - 18 UNF For use with Pump units
Cases for Cylinders	
4511332	Plastic Carrying Case (holds two gas cylinders)
Calibration Adapters	
4509314	Calibration & Process Adapter PE with short tubing (compatible with all Polytron® transmitters except IR sensors)
6810536	Calibration Adapter Viton with short tubing (made of flexible FKM rubber, compatible with all Polytron® transmitters except IR sensors)
6807955	Remote Calibration Adapter
8324093	Calibration Adapter Acidic Compound L Sensor
8322015	Calibration adapter VarioGard
AG01625	Calibration Adapter Refrigerant Transmitter
6811610	Calibration Adapter for PIR 7000
Calibration Tubing	
4594112	Calibration hose, FKM Tubing, 5 ft (not for Cl ₂)
4594114	Calibration hose, FKM Tubing, 20 ft (not for Cl ₂)
4594116	Calibration hose, FKM Tubing, 100 ft (not for Cl ₂)
4594118	Calibration hose, Tygon Tubing, PTFE lined, 5 ft (reactive gas)
4594120	Calibration hose, Tygon Tubing, PTFE lined, 20 ft (reactive gas)
4594122	Calibration hose, Tygon Tubing, PTFE lined, 100 ft (reactive gas)
4594501	Calibration hose, Tygon, 10 ft
4594503	Calibration hose, Tygon, 25 ft
4594505	Calibration hose, Tygon, 50 ft
4594507	Calibration hose, Tygon, 100 ft
4594509	Calibration hose, Tygon, 250 ft
4594622	Nafion gas humidifier tubing

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