



# Calibration Gases

**Dräger**

Technology for Life

# Combustible Gas

## Bump Test Mixtures - Aerosols

Part No.	Gas Mixture	Balance	Liter	PSI	Max. Shelf Life	MatCat
4594633	50% LEL methane	Air	11 L	155	12 months	953
4594632	100 ppm carbon monoxide	Air	11 L	155	12 months	953
4594634	25 ppm hydrogen sulfide, 20.9% oxygen	N <sub>2</sub>	11 L	155	3 months	953
4594635	50% LEL methane, 100 ppm carbon monoxide, 17% oxygen	N <sub>2</sub>	11 L	155	12 months	953
4594636	50% LEL methane, 100 ppm carbon monoxide, 25 ppm hydrogen sulfide, 17% oxygen	N <sub>2</sub>	11 L	155	3 months	953

## Calibration Mixtures

Part No.	Gas Mixture	Balance	Liter	PSI	Max. Shelf Life	MatCat
4597170	50% LEL CH <sub>4</sub> , 5 ppm NO <sub>2</sub> , 100 ppm CO, 17 Vol. % O <sub>2</sub>	N <sub>2</sub>	116 L	1000	12 months	953
4594956	1.0 Vol. % (25% LEL) hydrogen, 20.9% oxygen	N <sub>2</sub>	103 L	1000	60 months	953
4594629	1.35 Vol.% (50% LEL) ethylene in Air	Air	103 L	1000	60 months	953
4594627	2.0 Vol.% (50% LEL) hydrogen	Air	103 L	1000	60 months	953
3700094	100 ppm isobutylene/100 ppm CO/2.5% (50% LEL) CH <sub>4</sub> /17.0% O <sub>2</sub> . <b>Not for use with the X-dock station</b>	N <sub>2</sub>	103 L	1000	60 months	953
4557019	2.5 Vol. % (50% LEL) CH <sub>4</sub> , 20.9% oxygen	N <sub>2</sub>	103 L	1000	60 months	953
4594574	25% LEL CH <sub>4</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 17% oxygen	N <sub>2</sub>	58 L	500	24 months	953
4594572	25% LEL CH <sub>4</sub> , 17% oxygen	N <sub>2</sub>	103 L	1000	60 months	953
3700259	12.5% LEL CH <sub>4</sub> , 100 ppm CO, 18% O <sub>2</sub>	N <sub>2</sub>	103 L	1000	60 months	953
4597179	25% LEL Pentane in Air	Air	103 L	1000	60 months	953
4510057	50% LEL Pentane, 20.9% O <sub>2</sub>	N <sub>2</sub>	80 L	750	60 months	953
3714863	25% LEL Pentane, 100 ppm CO, 25 ppm H <sub>2</sub> S, 17% O <sub>2</sub>	N <sub>2</sub>	116 L	1000	24 months	953
4597185	30% LEL C <sub>6</sub> H <sub>12</sub> , 100 ppm CO, 25 H <sub>2</sub> S, 17% O <sub>2</sub>	N <sub>2</sub>	58 L	500	24 months	953
4594947	30% LEL pentane, 100 ppm CO, 17% O <sub>2</sub>	N <sub>2</sub>	103 L	1000	60 months	953
4594944	30% LEL pentane, 100 ppm CO, 25 ppm H <sub>2</sub> S, 20.9% O <sub>2</sub>	N <sub>2</sub>	58 L	500	24 months	953
4594655	50% LEL CH <sub>4</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 17% Vol. O <sub>2</sub> <b>Dräger Standard 4-Gas Cal/Bump Mix</b>	N <sub>2</sub>	58 L	500	24 months	953
4594554	50% LEL CH <sub>4</sub> , 100 ppm CO, 25 H <sub>2</sub> S, 10 SO <sub>2</sub> , 17 Vol. % O <sub>2</sub> <b>Not for use with the X-dock station.</b>	N <sub>2</sub>	116 L	1000	24 months	953
4543975	50 Vol. % CH <sub>4</sub>	N <sub>2</sub>	58 L	1000	60 months	953
4594548	50% LEL CH <sub>4</sub> , 100 ppm CO, 10 ppm NO <sub>2</sub> , 17% O <sub>2</sub>	N <sub>2</sub>	116 L	1000	12 months	953
4594718	50% LEL CH <sub>4</sub> , 100 ppm CO, 10 ppm H <sub>2</sub> S, 17% Vol, O <sub>2</sub>	N <sub>2</sub>	58 L	500	24 months	953
4597106	50% LEL CH <sub>4</sub> , 100 ppm CO, 10 ppm NO <sub>2</sub> , 17% O <sub>2</sub>	N <sub>2</sub>	58 L	500	12 months	953
4597107	50% LEL CH <sub>4</sub> , 100 ppm CO, 10 ppm NO <sub>2</sub> , 17% O <sub>2</sub> (CGA-660)	N <sub>2</sub>	650 L	1500	12 months	953
4594604	50% LEL CH <sub>4</sub> , 100 ppm CO, 10 ppm SO <sub>2</sub> , 17% O <sub>2</sub>	N <sub>2</sub>	58 L	500	24 months	953

Part No.	Gas Mixture	Balance	Liter	PSI	Max. Shelf Life	MatCat
4594594	50% LEL CH <sub>4</sub> , 100 ppm CO, 17% O <sub>2</sub> (CGA-590)	N <sub>2</sub>	552 L	2200	60 months	953
4594596	50% LEL CH <sub>4</sub> , 100 ppm CO, 17% oxygen	N <sub>2</sub>	103 L	1000	60 months	953
4597120	50% LEL CH <sub>4</sub> , 100 ppm CO, 2.5% CO <sub>2</sub> , 17% O <sub>2</sub>	N <sub>2</sub>	103 L	1000	60 months	953
4594945	50% LEL CH <sub>4</sub> , 100 ppm CO, 20.9% O <sub>2</sub>	N <sub>2</sub>	103 L	1000	60 months	953
4597160	50% LEL CH <sub>4</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 2.5% CO <sub>2</sub> , 17% O <sub>2</sub>	N <sub>2</sub>	116 L	1000	24 months	953
4597162	50% LEL CH <sub>4</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 20.9% O <sub>2</sub>	N <sub>2</sub>	116 L	1000	24 months	953
4594639	50% LEL CH <sub>4</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 17% O <sub>2</sub>	N <sub>2</sub>	34 L	500	24 months	953
4597161	50% LEL CH <sub>4</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 17% O <sub>2</sub>	N <sub>2</sub>	116 L	1000	24 months	953
4594652	50% LEL CH <sub>4</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 17% O <sub>2</sub> (CGA-330)	N <sub>2</sub>	900 L	2000	24 months	953
4597128	50% LEL CH <sub>4</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 2.5% CO <sub>2</sub> , 17% O <sub>2</sub>	N <sub>2</sub>	58 L	500	24 months	953
4594943	50% LEL CH <sub>4</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 20.9% Vol. O <sub>2</sub>	N <sub>2</sub>	58 L	500	24 months	953
4597150	50% LEL CH <sub>4</sub> , 17% O <sub>2</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 100 ppm Isobutylene. <b>Not for use with the X-dock station.</b>	N <sub>2</sub>	58 L	500	24 months	953
4594571	50% LEL CH <sub>4</sub> , 17% O <sub>2</sub> , 25 ppm H <sub>2</sub> S, 100 ppm CO, and 10 ppm SO <sub>2</sub> . <b>Not for use with the X-dock station.</b>	N <sub>2</sub>	58 L	500	24 months	953
3714865	50% LEL CH <sub>4</sub> , 2.5% CO <sub>2</sub> , 100 ppm CO, 10 ppm NO <sub>2</sub> , 17% O <sub>2</sub>	N <sub>2</sub>	34 L	500	12 months	953
4594598	50% LEL CH <sub>4</sub> , 17% oxygen	N <sub>2</sub>	103 L	1000	60 months	953
4594946	50% LEL CH <sub>4</sub> , 25 ppm H <sub>2</sub> S	Air	58 L	500	24 months	953
4597165	50% LEL CH <sub>4</sub> , 500 ppm CO, 15 ppm NO <sub>2</sub> , 15% O <sub>2</sub>	N <sub>2</sub>	58 L	500	12 months	953
4594624	Cyl, Gas Propane 0.75 Vol. % (34% LEL) propane, bal Air 103L @1000 psi	Air	103 L	1000	60 months	953
3715299	50% LEL Propane (1.05%)	Air	103 L	1000	60 months	953
3715297	50% LEL Propane (1.05%), 100 ppm CO, 17% O <sub>2</sub>	N <sub>2</sub>	103 L	1000	60 months	953
3715304	50% LEL Propane (1.05%), 25 ppm H <sub>2</sub> S, 100 ppm CO, 17% O <sub>2</sub>	N <sub>2</sub>	58 L	500	24 months	953
3716414	25% LEL Propane (0.525%), 100 ppm CO, 17% O <sub>2</sub>	Air	103 L	500	60 months	953
4594730	50% Vol. propane	N <sub>2</sub>	8 L	140	60 months	953
4597144	99.95 Vol. % CH <sub>4</sub> , methane	N/A	58 L	1000	60 months	953

## Calibration Kits

Part No.	Gas Mixture	MatCat
	<b>Methane-Zero Air Kit</b>	
4511330	(Consists of multigas calibration gas cylinder; methane, 50% LEL; CO, 100 ppm; H <sub>2</sub> S, 25 ppm in air; zero air gas cylinder, regulator and 3 ft. tubing)	953
	<b>Methane Kit</b>	
4511328	(Consists of multigas calibration gas cylinder; methane, 50% LEL; CO, 100 ppm; H <sub>2</sub> S, 25 ppm in 17% O <sub>2</sub> , balance N <sub>2</sub> , regulator and 3 ft. tubing)	953
	<b>Pentane Kit</b>	
4511329	(Consists of multigas calibration gas cylinder; pentane, 30% LEL; CO, 100 ppm; H <sub>2</sub> S, 25 ppm in air; regulator and 3 ft. tubing)	953

# Toxic Gas

## Single Gas Calibration Cylinders

Part No.	Gas Mixture	Balance	Liter	PSI	Max. Shelf Life	MatCat
4594958 <sup>1</sup>	Ammonia Calibration Gas, 150 ppm	N <sub>2</sub>	58 L	500	24 months	953
4597156 <sup>1</sup>	Ammonia Calibration Gas, 50 ppm	N <sub>2</sub>	34 L	500	24 months	953
4594957 <sup>1</sup>	Ammonia Calibration Gas, 50 ppm	N <sub>2</sub>	58 L	500	24 months	953
3700266	Benzene (C <sub>6</sub> H <sub>6</sub> ) 5 ppm	Air	103 L	1000	60 months	953
3700262	1.3 Butadiene (C <sub>4</sub> H <sub>6</sub> ) 5 ppm	Air	103 L	1000	60 months	953
4595194	Carbon Dioxide Calibration Gas 1000 ppm	Air	103 L	1000	60 months	953
4597080	Carbon Dioxide Calibration Gas 3000 ppm	Air	103 L	1000	60 months	953
4595193	Carbon Dioxide Calibration Gas 2.5 Vol %	Air	103 L	1000	60 months	389
4594611	Carbon Dioxide Calibration Gas 15 Vol %	N <sub>2</sub>	103 L	1000	60 months	953
3715204	Carbon Dioxide Calibration Gas 50 Vol %	N <sub>2</sub>	103 L	1000	60 months	953
4502152	Carbon Monoxide Calibration Gas 25 ppm	Air	103 L	1000	60 months	953
4502153	Carbon Monoxide Calibration Gas 50 ppm	N <sub>2</sub>	103 L	1000	60 months	953
4520128	Carbon Monoxide Calibration Gas 100 ppm	N <sub>2</sub>	103 L	1000	60 months	953
4502154	Carbon Monoxide Calibration Gas 250 ppm	N <sub>2</sub>	103 L	1000	60 months	953
4502168	Carbon Monoxide Calibration Gas 1000 ppm	N <sub>2</sub>	103 L	1000	60 months	953
4594644	Carbon Monoxide Calibration Gas 3500 ppm	Air	103 L	1000	60 months	953
4597158 <sup>1</sup>	Chlorine Calibration Gas, 2 ppm <b>Not for use with the X-dock station.</b>	N <sub>2</sub>	34 L	500	9 months	953
4594963 <sup>1</sup>	Chlorine Calibration Gas, 2 ppm <b>Not for use with the X-dock station.</b>	N <sub>2</sub>	58 L	500	9 months	332
4597194 <sup>1</sup>	Chlorine Calibration Gas, 5 ppm	N <sub>2</sub>	34 L	500	9 months	953
4594964 <sup>1</sup>	Chlorine Calibration Gas, 5 ppm	N <sub>2</sub>	58 L	500	9 months	953
4594660	Ethylene Oxide Calibration Gas 10 ppm	N <sub>2</sub>	58 L	500	12 months	953
4594649	Ethylene Calibration Gas 25 ppm	Air	103 L	1000	60 months	953
4594645	Ethylene Calibration Gas 100 ppm	Air	103 L	1000	60 months	953
4594628	Hydrogen Calibration Gas 500 ppm	Air	103 L	1000	60 months	953
4594603	Hydrogen Chloride Calibration Gas 5 ppm	N <sub>2</sub>	58 L	500	12 months	953
4594658	Hydrogen Chloride Calibration Gas 10 ppm	N <sub>2</sub>	58 L	500	12 months	389
4594626	Hydrogen Chloride Calibration Gas 25 ppm	N <sub>2</sub>	58 L	500	12 months	953
4594570	Hydrogen Cyanide Calibration Gas, 10 ppm	N <sub>2</sub>	34 L	500	18 months	953
4594962	Hydrogen Cyanide Calibration Gas 10 ppm	N <sub>2</sub>	58 L	500	18 months	953
4594960	Hydrogen Sulfide Calibration Gas 10 ppm	N <sub>2</sub>	58 L	500	24 months	953
4502155	Hydrogen Sulfide Calibration Gas 25 ppm	N <sub>2</sub>	58 L	500	24 months	953
4597163	Hydrogen Sulfide Calibration Gas 25 ppm	N <sub>2</sub>	116 L	1000	24 months	953
4597067	Hydrogen Sulfide Calibration Gas 25 ppm (CGA-330)	Air	900 L	2000	24 months	953
4502183	Hydrogen Sulfide Calibration Gas 100 ppm	N <sub>2</sub>	58 L	500	24 months	953
3700261	Isobutylene (C <sub>4</sub> H <sub>8</sub> ) 5 ppm	Air	103 L	1000	60 months	953
3701256	Isobutylene (C <sub>4</sub> H <sub>8</sub> ) 100 ppm	Air	103 L	1000	60 months	953

Part No.	Gas Mixture	Balance	Liter	PSI	Max. Shelf Life	MatCat
4594648	Mercaptan Calibration Gas 10 ppm	N <sub>2</sub>	58 L	500	12 months	953
4552020	Nitric Oxide Calibration Gas 25 ppm	N <sub>2</sub>	58 L	500	18 months	953
3701899	Nitric Oxide Calibration Gas 25 ppm	N <sub>2</sub>	116 L	1000	18 months	953
4594978	Nitric Oxide Calibration Gas 50 ppm	N <sub>2</sub>	58 L	500	18 months	953
4594838	Nitrogen Calibration Gas 100% Vol.	N <sub>2</sub>	103 L	1000	60 months	389
4594564	Nitrogen Dioxide Calibration Gas 5 ppm	N <sub>2</sub>	58 L	500	12 months	953
4594549	Nitrogen Dioxide Calibration Gas 5 ppm	Air	58 L	500	12 months	953
4594977	Nitrogen Dioxide Calibration Gas 10 ppm	N <sub>2</sub>	58 L	500	12 months	953
3714864	Nitrogen Dioxide Calibration Gas 10 ppm	Air	58 L	500	12 months	953
4594550	Nitrogen Dioxide Calibration Gas 10 ppm	Air	116 L	1000	12 months	953
4597102	Nitrogen Dioxide Calibration Gas 10 ppm (CGA-660)	N <sub>2</sub>	650 L	1500	12 months	953
4594959	Nitrogen Dioxide Calibration Gas 25 ppm	N <sub>2</sub>	58 L	500	12 months	953
3715309	Nitrogen Dioxide Calibration Gas 25 ppm	Air	58 L	500	12 months	953
4594609	Oxygen Calibration Gas 17% Vol.	N <sub>2</sub>	103 L	1000	60 months	953
4597166	Phosphine Calibration Gas, 0.5 ppm	N <sub>2</sub>	34 L	500	18 months	953
4597057	Phosphine Calibration Gas 0.5 ppm	N <sub>2</sub>	58 L	500	18 months	953
4594987	Phosphine Calibration Gas 5.0 ppm	N <sub>2</sub>	58 L	500	18 months	953
6812379	Phosphine Calibration Gas 20 ppm	N <sub>2</sub>	58 L	500	18 months	953
4594961	Sulfur Dioxide Calibration Gas 5 ppm	N <sub>2</sub>	58 L	500	24 months	953
4594551	Sulfur Dioxide Calibration Gas 5 ppm	Air	58 L	500	24 months	953
4597169	Sulfur Dioxide Calibration Gas, 10 ppm	N <sub>2</sub>	34 L	500	24 months	953
4597050	Sulfur Dioxide Calibration Gas 10 ppm	N <sub>2</sub>	58 L	500	24 months	953
4597049	Sulfur Dioxide Calibration Gas 35 ppm	N <sub>2</sub>	58 L	500	24 months	953
4594552	Tetrahydrothiophene (THT) Calibration Gas 10 ppm	Air	58 L	500	12 months	953
4510058	Zero Air Calibration Gas 20.9% Vol. O <sub>2</sub>	N <sub>2</sub>	103 L	1000	60 months	332

## Dual Gas Calibration Cylinders

Part No.	Gas Mixture	Balance	Liter	PSI	Max. Shelf Life	MatCat
3701897	CO 100 ppm, HCN 10 ppm for Toxic Twins	N <sub>2</sub>	58 L	500	18 months	953
3701900	Isobutylene 10 ppm, Toluene 10 ppm for X-pid®	N <sub>2</sub>	58 L	500	12 months	953
4594599	SO <sub>2</sub> 10 ppm, CO 200 ppm, 17 Vol % O <sub>2</sub>	N <sub>2</sub>	58 L	500	24 months	953

1. Requires Stainless-steel regulator and Teflon-lined Tygon tubing

# Low Pressure

## Calibration Gas Mixtures – Use CGA 600 Regulator (PN: 4593987)

Part No.	Gas Mixture	Balance	Liter	PSI	Max. Shelf Life	MatCat
4594980	Calibration Gas Carbon Monoxide 50 ppm	Air	34 L	500	60 months	953
4594607	40% LEL hexane	Air	17L	240	60 months	953
4594982	Calibration Gas Nitrogen 100% Vol.	---	34 L	500	60 months	953
4594843	Calibration Gas Methane 50% LEL in Air	Air	34 L	500	60 months	953
4594625	Calibration Gas Methane 40% Vol. in N <sub>2</sub>	N <sub>2</sub>	34 L	500	60 months	953
4594656	Calibration Gas CO 100ppm, CH <sub>4</sub> 50%LEL. O <sub>2</sub> 20.9%	N <sub>2</sub>	34 L	500	60 months	953

# Regulators, Accessories and Cases

## Regulators for Gas Cylinders

Part No.	Description	MatCat
4557020	500cc Standard Regulator 5/8"-18 UNF	953
6813104	500cc Regulator, Stainless Steel, 5/8"-18 UNF	953
4594952	500cc Reactive gas resistant, 5/8"-18 UNF (recommended for NH <sub>3</sub> calibration)	953
4594640	500cc Trigger Regulator 5/8" - 18 UNF for both Bump Testing and Calibration option to 4557020	953
4594641	Demand Flow Regulator 5/8" - 18 UNF For use with Pump units	389
4593987	500cc Regulator, 17/34 L Cylinders, CGA-600	953
4594589	500cc Regulator, 650/900 L Cylinders, CGA-330	953
4594590	500cc Regulator, 650/900 L Cylinders, CGA-590	953
4594654	Demand Flow Reg for 65AL, 650 L Cylinder, CGA-330	953
4594659	Demand Flow Reg for 5E, 552 L Cylinder, CGA-590	953
4594595	Demand Flow Reg for 65AL, 650/900 L Cylinder, CGA-660	953
4594560	Bump Station CGA Adapter for Large Cylinder Use, CGA-330	953
4594561	Bump Station CGA Adapter for Large Cylinder Use, CGA-590	953
4594562	Bump Station CGA Adapter for Large Cylinder Use, CGA-660	953

## Accessories

Part No.	Description	MatCat
6806291	Calibration Adapter, X-am 5100 (includes 3 feet of tubing)	332
8317656	Calibration Adapter, X-am 7000	332
8318588	Calibration Adapter, Pac x000 Series	332
8318752	Calibration/PC Communication Cradle w/o USB-IR Interface for X-am 125	332
8321918	Cylinder holder (table version)	332
8326821	Calibration Adapter, X-am 35/8000	332

## Cases for Calibration Cylinders

Part No.	Description	MatCat
4511332	Plastic Carrying Case (holds two gas cylinders)	953

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