

Gas Cylinders



GC-17/58

DESCRIPTION

Disposable calibration gas cylinders.

APPLICATION

To apply gases to toxic or combustible gas sensors and transmitters for performance verification or transmitter calibration of base (zero) and span.



SPECIFICATIONS

Gas Cylinders (full service)	17 Liters, DS	58 Liters, DAL	58 Liters, DS	103 Liters, DS
<ul style="list-style-type: none"> - Type "DOT 39, TC-39M" - Material - For gas type 	Disposal Steel Nonreactive	Disposal Aluminum Reactive	Disposal Steel Nonreactive	Disposal Steel Nonreactive
<ul style="list-style-type: none"> - Service Pressure 	240 PSI (1,654 kPa)	500 PSI (3,447 kPa)	500 PSI (3,447 kPa)	1,000 PSI (6,894 kPa)
<ul style="list-style-type: none"> - Dimensions (ø x height) 	2 7/8" x 11.0" (73.0 x 279.4 mm)	3 1/2" x 13 1/2" (88.9 x 442.9 mm)	3 1/4" x 8" (82.6 x 203.2 mm)	3 1/4" x 13 1/4" (82.6 x 336.6 mm)
<ul style="list-style-type: none"> - Weight 	1.0 lbs. (0.45 kg)	1.8 lbs. (0.82 kg)	1.2 lbs. (0.54 kg)	2.4 lbs. (1.09 kg)
<ul style="list-style-type: none"> - Fits regulator (ref. to data sheet CC-, GR-, CONKIT) 	P/N GR-17-300 P/N GR-17-500		P/N GR-58-300 P/N GR-58-ADJ	

Calibration Gases	Cylinders		Part Numbers
	Liters	Type	
Base (zero) calibration of sensors and transmitters <ul style="list-style-type: none"> • Electrochemical and non-dispersive infrared <ul style="list-style-type: none"> - Nitrogen (N₂), 99.999% - Nitrogen (N₂), 99.999% • Catalytic pellistor bead <ul style="list-style-type: none"> - Oxygen (O₂), 20.8% in nitrogen - Oxygen (O₂), 20.8% in nitrogen 	17 58	DS DS	GC-17-001 GC-58-001
Span verification or calibration <ul style="list-style-type: none"> - Carbon Dioxide (CO₂), 800 ppm in air - Carbon Dioxide (CO₂), 1000 ppm in air - Carbon Dioxide (CO₂), 2000 ppm in air - Carbon Dioxide (CO₂), 3000 ppm in air - Carbon Monoxide (CO), 140 ppm in air (w/SS sensor; represents 35 ppm CO in vehicle exhaust) - Carbon Monoxide (CO), 200 ppm in air (w/SS sensor; represents 50 ppm CO in vehicle exhaust) - Carbon Monoxide (CO), 400 ppm in air (w/SS sensor; represents 100 ppm CO in vehicle exhaust) - Carbon Monoxide (CO), 50 ppm in air - Carbon Monoxide (CO), 100 ppm in air - Carbon Monoxide (CO), 200 ppm in air 	17 17 17 17 17 17 17 17 17 17 103	DS DS DS DS DS DS DS DS DS DS DS	GC-17-016 GC-17-017 GC-17-012 GC-17-014 GC-17-025 GC-17-027 GC-17-029 GC-17-022 GC-17-024 GC-103-027



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Calibration Gases	Cylinders		Part Numbers
	Liters	Type	
Span verification or calibration			
– Nitrogen Dioxide (NO ₂), 5 ppm in nitrogen	58	DAL	GC-58-028
– Nitrogen Dioxide (NO ₂), 10 ppm in nitrogen	58	DAL	GC-58-030
– Nitric Oxide (NO), 75 ppm in nitrogen	58	DAL	GC-58-032
– Hydrogen Sulfide (H ₂ S), 25 ppm in air	58	DAL	GC-58-036
– Sulfur Dioxide (SO ₂), 5 ppm in nitrogen	58	DAL	GC-58-038
– Oxygen (O ₂), 20.8% in nitrogen	17	DS	GC-17-003
– Ammonia (NH ₃), 30 ppm in nitrogen	58	DAL	GC-58-045
– Ammonia (NH ₃), 35 ppm in nitrogen	58	DAL	GC-58-046
– Ammonia (NH ₃), 50 ppm in nitrogen	58	DAL	GC-58-047
– Ammonia (NH ₃), 150 ppm in nitrogen	58	DAL	GC-58-048
– Ammonia (NH ₃), 300 ppm in nitrogen	58	DAL	GC-58-049
– Refrigerant, CFC-11 (CCl ₃ F), 100 ppm in air	17	DS	GC-17-051
– Refrigerant, CFC-11 (CCl ₃ F), 500 ppm in air	17	DS	GC-17-050
– Refrigerant, CFC-11 (CCl ₃ F), 1000 ppm in air	17	DS	GC-17-052
– Refrigerant, CFC-12 (CCl ₂ F ₂), 500 ppm in air	17	DS	GC-17-054
– Refrigerant, CFC-12 (CCl ₂ F ₂), 1000 ppm in air	17	DS	GC-17-056
– Refrigerant, HCFC-22 (CHClF ₂), 500 ppm in air	17	DS	GC-17-058
– Refrigerant, HCFC-22 (CHClF ₂), 1000 ppm in air	17	DS	GC-17-060
– Refrigerant, HFC-134a (CH ₂ FCF ₃), 50 ppm in air	17	DS	GC-17-061
– Refrigerant, HFC-134a (CH ₂ FCF ₃), 500 ppm in air	17	DS	GC-17-062
– Refrigerant, HFC-134a (CH ₂ FCF ₃), 1000 ppm in air	17	DS	GC-17-064
– Refrigerant, HCFC-123 (CHCl ₂ CF ₃), 10 ppm in air	17	DS	GC-17-066
– Refrigerant, HCFC-123 (CHCl ₂ CF ₃), 30 ppm in air	17	DS	GC-17-067
– Refrigerant, HCFC-123 (CHCl ₂ CF ₃), 50 ppm in air	17	DS	GC-17-068
– Refrigerant, HCFC-123 (CHCl ₂ CF ₃), 600 ppm in air	17	DS	GC-17-070
– Refrigerant, HCFC-123 (CHCl ₂ CF ₃), 990 ppm in air	17	DS	GC-17-072
– Refrigerant, HCFC-123 (CHCl ₂ CF ₃), 30 ppm in air	103	DS	GC-103-067
– Refrigerant, HCFC-123 (CHCl ₂ CF ₃), 50 ppm in air	103	DS	GC-103-068
Span verification or calibration for various combustible gases			
– Methane (CH ₄), 2.5% in air	17	DS	GC-17-081
– Methane (CH ₄), 2.0% in air	17	DS	GC-17-082
– Methane (CH ₄), 1.5% in air	17	DS	GC-17-083
– Methane (CH ₄), 1.0% in air	17	DS	GC-17-085
– Methane (CH ₄), 2.5% in air	58	DS	GC-58-084
– Propane (C ₃ H ₈), 1.5% in air	17	DS	GC-17-089
– Propane (C ₃ H ₈), 2100 ppm in air	17	DS	GC-17-090
– Propane (C ₃ H ₈), 4200 ppm in air	17	DS	GC-17-091

Note: The actual gas concentration in each cylinder may vary slightly from the above listings. The gas manufacturer labels the exact concentration filled on each individual cylinder.