



CEA Instruments, Inc.

160 Tillman Street

Westwood, N.J. 07675 USA

Phone (201) 967-5660 Fax (201) 967-8450

Website: www.ceainstr.com E-mail: ceainstr@aol.com

TXGARD-PLUS PRICE LIST

Remote toxic gas detector using an electrochemical sensor located in a 316 stainless steel flameproof housing, 3-wire device with 4-20 mA output. Complete with a marine grade alloy junction box, LCD 3 digit backlit display, LED status indicator, magnetically actuated calibration buttons, and Crowmag. Operating temperature -10 to +55°C sensor dependent. Certified to ATEX II 2 G - EEx d IIC T6 amb = +55°C, UL - AEx d IIC T6. UL Class 1, Div. 1, Groups B, C, D.

To ensure you receive the correct item, please use the following key to construct the part number you require: **TXP / Relay or Analog (R or A) / Target Gas / Cable Entry (M20, 1/2"NPT or 3/4"NPT) / Certification (Sira or UL) / Range**

Example: TXgard-Plus for 0-100 ppm Hydrogen Sulfide, relays, M20 cable entry, and Sira certification would be part number TXP/R/H2S/M20/Sira/100.

Part #	Description	Price
Analogue with Display - No Relays		
TXP/A/OX	Oxygen 0-25% volume	\$ 1268.00
TXP/A/CO	Carbon Monoxide 0-100, 250, 500, or 1,000 ppm	\$ 1293.00
TXP/A/H2S	Hydrogen Sulfide 0-15, 20, 25, 50, 100, or 200 ppm	\$ 1344.00
Part # Description Price		
Analogue with Display and with Relays		
TXP/R/OX	Oxygen 0-25% volume	\$ 1344.00
TXP/R/CO	Carbon Monoxide 0-100, 250, 500, or 1,000 ppm	\$ 1369.00
TXP/R/H2S	Hydrogen Sulfide 0-15, 20, 25, 50, 100, or 200 ppm	\$ 1411.00



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TXGARD-IS+ PRICE LIST

Remote toxic gas detector using an electrochemical sensor located in a plastic bayonet housing. Complete with carbon loaded nylon junction box which contains the amplifier/transmitter to provide a 2 wire 4 to 20 mA output. LCD 2 x 16 character display with extensive context sensitive messages. Three button keypad, password protected. Operating temperature -20 to +55°C sensor dependent. Certified to ATEX II 1 GD - EEx ia IIC T6, Tamb = -40 to +55°C. This detector CANNOT be provided for nitric oxide, ethylene oxide, hydrogen chloride, hydrogen-immune carbon monoxide and volatile organic compounds. Also approved for use in atmospheres containing potentially flammable dusts. UL Class 1, Div. 1, Groups A, B, C, and D.

To ensure you receive the correct item, please use the following key to construct the part number you require:
TXISP / Target Gas / M20 Cable Entry (top or side) / Certification (Sira or UL) / Range

Example: TXgard-IS+ for 0-100 ppm Hydrogen Sulfide, side entry, and Sira certification would be part number TXISP/H2S/SIDE/Sira/100.

Target Gas	Available Ranges	Price
Ammonia	0-50 or 0-100 ppm	\$ 1499.00
Ammonia	0-1000 ppm	\$ 1499.00
Carbon Monoxide	0-250 or 0-500 ppm	\$ 989.00
Chlorine	0-5 or 0-10 ppm	\$ 1150.00
Chlorine	0-20 ppm	\$ 1266.00
Hydrogen	0-2000 ppm	\$ 1331.00
Hydrogen	0-50% LEL	\$ 1447.00
Hydrogen Cyanide	0-25 ppm	\$ 1331.00
Hydrogen Fluoride	0-10 ppm	\$ 1443.00
Hydrogen Sulfide	0-25 or 0-50 ppm	\$ 1024.00
Hydrogen Sulfide	0-5 ppm	\$ 978.00
Hydrogen Sulfide	0-100 ppm	\$ 1022.00
Nitrogen Dioxide	0-10 ppm	\$ 1176.00
Oxygen	0-25% volume	\$ 949.00
Ozone	0-1 ppm	\$ 1331.00
Phosgene	0-1 ppm	\$ 1331.00
Phosphine	0-2 ppm	\$ 1331.00
Sulfur Dioxide	0-10 or 0-20 or 0-30 ppm	\$ 1152.00



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TXgard-IS & TXgard-IS+ Spare Sensor Assemblies

Part #	Description			Price
S01180	HX (Electrosense)	Acid Gas	TXgard-IS	\$ 991.00
S011185	NH3 (Sensoric)	Ammonia 0-1000 ppm	TXgard-IS, IS+	\$ 786.00
S01730	NH3 (Sensoric)	Ammonia 0-50 ppm	TXgard-IS, IS+	\$ 619.00
S01183	NH3 (Citi)	Ammonia 0-50 ppm	TXgard-IS	\$ 569.00
S01181	NH3 (Bionics)	Ammonia sensor assembly	TXgard-IS	\$ 1930.00
C01187	NH3 (Bionics)	Ammonia sensor electrolyte	TXgard-IS	\$ 493.00
M02096	NH3 (Bionics)	Ammonia sensor membrane	TXgard-IS	\$ 75.00
S01984	B2 (Sensoric)	Bromine	TXgard-IS	\$ 590.00
S01872	B2 (Bionics)	Bromine	TXgard-IS	\$ 2488.00
491/1	B2 (Bionics)	Bromine sensor electrolyte	TXgard-IS	\$ 425.00
S01171	CO	Carbon Monoxide	TXgard-IS, IS+	\$ 445.00
S01182	CL2 (Citi)	Chlorine	TXgard-IS, IS+	\$ 527.00
S011189	CL2 (Sensoric)	Chlorine	TXgard-IS	\$ 627.00
S01173	CL2 (Electrosense)	Chlorine	TXgard-IS	\$ 884.00
S01900	CLO2 (Citi)	Chlorine Dioxide	TXgard-IS	\$ 675.00
S01642	ETO (Citi)	Ethylene Oxide	TXgard-IS	\$ 605.00
S01187	F2 (Bionics)	Fluorine	TXgard-IS	\$ 2464.00
C01235	F2 (Bionics)	Fluorine sensor electrolyte	TXgard-IS	\$ 425.00
M02196	F2 (Bionics)	Fluorine sensor membrane	TXgard-IS	\$ 65.00
S01728	HCL (Sensoric)	Hydrogen Chloride	TXgard-IS	\$ 787.00
S01178	HCN (Citi)	Hydrogen Cyanide	TXgard-IS	\$ 789.00
S01729	HCN (Sensoric)	Hydrogen Cyanide	TXgard-IS, IS+	\$ 573.00
S01983	HF (Sensoric)	Hydrogen Fluoride	TXgard-IS, IS+	\$ 798.00
S01188	HF (Bionics)	Hydrogen Fluoride	TXgard-IS	\$ 2600.00
M02197	HF (Bionics)	Hydrogen Fluoride membrane	TXgard-IS	\$ 60.00
C01236	HF (Bionics)	Hydrogen Fluoride sensor electrolyte	TXgard-IS	\$ 615.00
S01176	H/Hi (Citi)	Hydrogen Hi	TXgard-IS, IS+	\$ 666.00
S01177	H/Lo (Citi)	Hydrogen Lo	TXgard-IS, IS+	\$ 673.00
S01170	H2S	Hydrogen Sulfide	TXgard-IS, IS+	\$ 445.00
S01174	NO (Citi)	Nitric Oxide	TXgard-IS	\$ 631.00
S01175	NO2 (Citi)	Nitrogen Dioxide	TXgard-IS, IS+	\$ 527.00
S01169	OX	Oxygen	TXgard-IS, IS+	\$ 228.00
S01186	O3 (Citi)	Ozone (Citi)	TXgard-IS	\$ 573.00
S011201	O3 (Sensoric)	Ozone (Sensoric)	TXgard-IS, IS+	\$ 678.00
S01640	PH3 (Citi)	Phosphine	TXgard-IS, IS+	\$ 573.00
S01172	SO2	Sulfur Dioxide	TXgard-IS, IS+	\$ 493.00
S011226	SO2	Sulfur Dioxide - Hydrogen immune	TXgard-IS	\$ 493.00
S01641	VO (Citi)	Volatile Organics	TXgard-IS	\$ 669.00



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TXgard-IS Spares

Part #	Description	Price
S01225	TXgard-IS amplifier (toxic), specify gas	\$ 567.00
S01736	TXgard-IS amplifier (Sensoric), specify gas	\$ 590.00
S01226	TXgard-IS amplifier (oxygen)	\$ 469.00
C01267	TXgard-IS junction box	\$ 77.00
S01343	Bayonet housing	\$ 40.00

TXgard-IS+ Spares

NOTE: Spare personality modules can only be supplied when the serial number of the detector into which they are to be fitted is known. Modules will be supplied pre-programmed with the configuration data to suit a specific detector

Part #	Description	Price
S01999	Personality module for general toxic versions.	\$ 71.00
S011160	Ozone, Chlorine	\$ 71.00
S011161	Hydrogen Cyanide, Phosgene	\$ 71.00
S01997	Oxygen	\$ 71.00
E01755	Front panel display/membrane label	\$ 50.00

TXgard-Plus Spares

Part #	Description	Price
C01697	Crowmag	\$ 44.00
S01866	Toxic gas amplifier, specify gas and range	\$ 630.00
S01867	Oxygen amplifier	\$ 602.00
S01846	Analogue terminal board	\$ 110.00
S01847	Relay terminal board	\$ 199.00
S01892	Flamgard-Plus/TXgard-Plus junction box only (no label)	\$ 636.00
S01751	96HD/CO detector (spare)	\$ 630.00
S01750	96HD/HS detector (spare)	\$ 630.00
S01753	96HD/OX detector (spare)	\$ 459.00
S01752	96HD/AM detector (spare)	\$ 827.00
S01781	96HD replacement sinter	\$ 60.00
M01614	96HD sinter tool	\$ 151.00

TXgard-IS and TXgard-IS+ Accessories

Part #	Description	Price
C01338	Spray deflector, also remote calibration adaptor	\$ 85.00
C01340	Swivel mounting bracket	\$ 120.00
C01339	Flow adaptor, not for use with TXgard-IS H/Hi	\$ 90.00
C01341	Flow adaptor, stainless, not for use with TXgard-IS H/Hi	\$ 430.00
M01401	Ceiling mounting bracket	\$ 88.00
00027D	Stainless steel duct mounting plate - for GRP junction boxes	\$ 640.00
C03005	Calibration Adaptor	\$ 17.00
C01267	Spare TXgard-IS ABS junction box (orange). Supplied as a box.	\$ 100.00
M05622	Spare TXgard-IS junction box label (Toxic)	\$ 15.00
M05623	Spare TXgard-IS junction box label (Oxygen)	\$ 15.00