

# Bascom-Turner Instruments

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## GAS-RANGER™ PRICE LIST

Effective Date 01/01/2024

Description	Model No. <sup>1,2,3</sup>	Unit Qty.
Natural Gas Detector .....	RGI-201 or 211 .....	\$ 1,625
Natural Gas & CO Detector.....	RGC-301 or 311 .....	\$ 1,925
Natural Gas & Oxygen Detector.....	RGO-321 or 322.....	\$ 1,925
Natural Gas, CO/H <sub>2</sub> S & Oxygen Detector.....	RGA-411 or 412.....	\$ 2,285
Natural Gas, Oxygen, CO & H <sub>2</sub> S Detector.....	RGA-611 or 612.....	\$ 2,785

Each detector comes with A-CAL™ and D-CAL™ firmware, shoulder strap, standard probe (SP-306), a pack of 5 water-block filters (WF-305), straight hose with quick connect (QH-042), set of batteries, and operating manual. A-CAL software automatically calibrates a detector using Bascom-Turner calibration gas. D-CAL firmware allows calibration and record keeping at network or stand-alone docking stations. A manual calibration apparatus (PCA-302 & MCA-302) may be used to deliver the calibration gas (see Accessories Price List). Each detector has a Track Gas scale for quick leak location and a Bar Hole mode which displays peak and sustained readings.

See reverse side for accessories and spare parts.

### DETAILED DESCRIPTION AND TYPICAL PERFORMANCE

Sensors	Catalytic Combustion (CH <sub>4</sub> ) Thermal Conductivity (CH <sub>4</sub> ) Electrochemical (CO/H <sub>2</sub> S & CO) Electrochemical (H <sub>2</sub> S) Electrochemical (O <sub>2</sub> )	Operating Temperature (with fresh batteries)	-20°C to 40°C (-20°F to 120°F)
Calibrated Accuracy (5° to 35°C)	±2% LEL for % LEL scale ±2% GAS for % GAS scale ±5% of reading ±10 PPM for CO ±5% of reading ±1 PPM H <sub>2</sub> S ±5% of reading for % O <sub>2</sub>	Storage Temperature	-40°C to 60°C (0°F to 104°F)
Resolution	0.01% GAS or 0.2% LEL 1 ppm CO 1 ppm H <sub>2</sub> S 0.1% Oxygen	Operating Time per Battery Set	20 hours, typical (25°C)
Lower Limit of Detection	0.005% GAS or 0.1% LEL 1 ppm CO 1 ppm H <sub>2</sub> S	Humidity	0 to 98% RH (non-condensing)
Warm-Up Time	50 seconds	Power Supply	Two D-size alkaline batteries
		Dimensions	Height 7.80" (19.8 cm) Width 4.25" (10.8 cm) Depth 4.00" (10.2 cm)
		Instrument Weight	3.20 lb. (1.45 kg)

<sup>1</sup> Models 211, 311, 322, 412, and 612 display all gas readings as % GAS. Models 201, 301, 321, 411, and 611 additionally display gas readings as % LEL. All models have a TRACK GAS scale reading either in % GAS (Models 211, 311, 322, 412, and 612) or % LEL (Models 201, 301, 321, 411, and 611).

<sup>2</sup> A Gas-Ranger™ (including accessories) is warranted for one year against defects in materials and workmanship. Warranties do not apply to damage by accident, abuse, modification, or misuse. Bascom-Turner will repair or replace products under the warranty provided they are returned to Bascom-Turner shipping prepaid. No other warranty is expressed or implied. Bascom-Turner is not liable for consequential damages.

<sup>3</sup> These instruments measure the concentration of natural gas in air and give an indication of other combustible gases. They constitute one element for assessing safety, or lack thereof, of a particular atmosphere. **However, they must not be relied upon by themselves for judging safety; all other significant factors must be taken into account.**

# GAS-RANGER ACCESSORIES AND SPARE PARTS

Description	Part Number	Unit Price
<b>1. Probes and Hoses</b>		
Gas-Ranger Probe & Rubber Tip.....	SP - 306	45.00
Gas-Ranger Probe Extension (7 inch long).....	SP - 308	45.00
Ceiling/Bar Hole Probe & Rubber Tip (34 inch long, clear).....	BP - 034	40.00
Clear Bar Hole Probe (34 inch long, clear, side holes) .....	BP - 134	50.00
Fiberglass Bar Hole Probe (36 inch long, no side holes) .....	BP - 136	65.00
Fiberglass Bar Hole Probe (36 inch long, side holes) .....	BP - 236	75.00
Metal Bar Hole Probe (36 inch long, side holes) .....	BP - 536	95.00
Standard Flue Gas Probe & Filter (10 inch long).....	FP - 110	70.00
Straight Hose with Quick Connect Fitting (3.5 ft. long).....	QH - 042	65.00
Straight Hose with Quick Connect Fitting (10 ft. long).....	QH - 120	95.00
Rubber Gas Collecting Tips (for SP-306, and SP-308, 5/pkg).....	RT - 107	10.00
<b>2. Filters</b>		
Dust & Water-block Filter (5/pkg).....	WF - 305	35.00/pkg
Water-stopper (with push-button release).....	WS - 001	55.00
Dust Stopper (with replaceable filter) .....	DS - 001	45.00
Replacement Dust Filters (5/pkg) .....	DF - 105	35.00/pkg
Bar Hole Filter .....	BF - 001	35.00
Flue Gas Filter (5/pkg).....	FF - 005	50.00/pkg
Heavy Hydrocarbon Filter (5/pkg).....	HF - 005	50.00/pkg
Inlet Filter & Quick Connect Air Intake (5/pkg).....	IF - 305	55.00/pkg
<b>3. Sensors</b>		
Methane Sensor (in flame arrestor).....	MS - 302	165.00
Combined CO/H <sub>2</sub> S Sensor (for RGC & RGA detectors) .....	CO - 301	165.00
Carbon Monoxide Sensor (for RGA-611/612).....	CO - 302	165.00
Hydrogen Sulfide Sensor (for RGA-611/612) .....	HS - 301	195.00
Oxygen Sensor.....	OS - 301	165.00
<b>4. Replacement Parts, Manual, and Video</b>		
Pump Motor.....	PM - 301	125.00
Pump Head, Diaphragm/Plunger Assembly (5 sets).....	PD - 305	195.00/pkg
Intake Manifold with Pump .....	RM - 301	250.00
Xenoy Case (without BC-003, ### = Model No.).....	XC - ###	130.00
Battery Compartment Cap .....	BC - 301	35.00
Rotary Switch Knob .....	RK - 301	25.00
Operating Manual .....	OM - 1002	15.00
<b>5. Instrument Case</b>		
Instrument Case w/Ethafoam Insert.....	IC - 301	75.00
Shoulder Strap.....	SS - 301	10.00
<b>6. Accessories for Calibration &amp; Maintenance</b>		
Manual Calibration Apparatus (with MC-620 & FR-401).....	PCA - 302	695.00
Manual Calibration Apparatus (with MH-620 & FR-403)(for flammable Gas).....	MCA - 302	940.00
Boost Gas Apparatus (with BG-620 & FR-402).....	BGA - 302	700.00
Boost Gas (620 L) for Manual Boosting of Gas-Rangers .....	BG - 620	350.00
Methane & CO Calibration Gas (2.5% methane & 100 ppm CO, 620 liters) .....	MC - 620	375.00
Methane 100% -620 Liters .....	ME - 620	350.00
Methane & H <sub>2</sub> S Calibration Gas (100% methane & 25 ppm H <sub>2</sub> S, 620 liters).....	MH - 620	595.00
On-Demand Regulator for MC-620 .....	FR - 401	375.00
On-Demand Regulator for BG-620 .....	FR - 402	375.00
On-Demand Regulator for MH-620 .....	FR - 403	375.00
Threaded Hose Barb & Tubing.....	TB - 512	10.00

**Prices and Terms**

Prices and specifications are subject to change without notice. Prices are U.S. dollars. Orders are subject to acceptance and are FOB Norwood, Massachusetts. Payment terms are Net 30 days. Minimum order is \$50.