

Description	Model ^{1,2,3}	Price
Natural Gas Survey Detector.....	VGI-201 or 211	\$ 4,400
Natural Gas & CO Survey Detector.....	VGC-301 or 311	\$ 4,900
Natural Gas & Oxygen Survey Detector.....	VGO-321 or 322	\$ 4,900
Natural Gas, CO & Oxygen Survey Detector.....	VGA-411 or 412	\$ 5,400
Natural Gas, CO, O ₂ and H ₂ S Survey Detector.....	VGA-611 or 612	\$ 5,900
Networked Calibration Station.....	NDS-101 or 102	\$ 5,800

Each detector comes with A-CAL™ and D-CAL™ firmware, metal gooseneck probe (GP-514), choice of surface probe with rubber cone (SP-636) or surface probe with drag head (SP-736) pack of water-block filters (WF-705), set of NiMH batteries (NM-524) and charger (RC-502), carrying case (IC-501) and operating manual. A-CAL firmware automatically calibrates a detector using Bascom-Turner calibration gas. D-CAL firmware allows calibration and record keeping at network or stand-alone docking stations. All readings are automatically digitized and stored in on-board memory. DATALINK™ software, provided with each unit can be used to download, through a USB interface, calibration data, readings, and reports. Each unit automatically stores the last 24 calibrations. A SURVEY mode in all models displays GAS as PPM. A BAR HOLE mode automatically provides peak and sustained readings. GPS (\$450) & Bluetooth™ (\$295), and Ethane Detection (\$495) options are available.

Unit Specifications and Typical Performance

Sensors	Dual Catalytic Combustion (CH ₄ PPM) Catalytic Combustion (CH ₄ 0 to 5%) Thermal Conductivity (CH ₄ 5 to 100%) Electrochemical (CO) (H ₂ S) Electrochemical (O ₂)	Resolution	1 ppm from 0 to 10,000 ppm CH ₄ 0.05 vol % from 0 to 5 vol % CH ₄ 1.0 vol % from 5 to 100 vol % CH ₄ 1 ppm CO / H ₂ S 0.1 vol % O ₂
Calibrated Accuracy (5° to 35°C)	± 2% of reading ±20PPM to 10,000 PPM ± 2% LEL or 0.1% GAS to 5% GAS ± 2% GAS from 5% to 100% GAS ± 5% of reading ± 10 PPM for CO ± 5% of reading ± 1 PPM for H ₂ S ± 0.2% of vol %O ₂	Operating Modes	Survey Truck Survey Monitor Bar Hole Purge Ethane (optional)
Warm-Up Time	30 seconds	Humidity	0 to 95% RH (non-condensing)
Operating Temperature	-20°C to 40°C (0°F to 105°F)	Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Operating Time	10 hours, typical (25°C) per Battery Set	Power Supply	Two C-size rechargeable Batteries (NiMH)
GPS	Horizontal resolution 2.5m Max update rate 10Hz	Bluetooth	Transmit Class 2, 10m range Certified to FCC regulation
Data Logging	6+ months, automatic	Unit Weight	1.5 lb. (0.68 kg)

1. 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.
2. The Gas-Rover™ is warranted for one year. Accessories are warranted against defects in materials and workmanship. Warranties do not apply to detectors damaged by accident, abuse, modification, or misuse. Bascom-Turner will repair or replace products under the warranty provided they are returned to Bascom-Turner at the owner's expense. No other warranty is expressed or implied. Bascom-Turner is not liable for consequential damages.
3. These instruments measure the concentration of natural gas in air and give an indication of the presence 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.**