



System Control Engineering NZ Ltd

For Gas Combustion & Control Equipment

Section 4

COMBUSTION ANALYSERS

BACHARACH

PORTABLE GAS DETECTORS

BACHARACH, DIGITRON, GECA

PERSONAL GAS DETECTORS

NEOTRONICS, RAE

FIXED GAS DETECTORS -

DOMESTIC & COMMERCIAL

FIRST ALERT, GECA, SEITRON

FIXED GAS DETECTORS - INDUSTRIAL

GECA, POLIDORO

GAS SAFETY PROTECTION SYSTEMS

SCE

COMBUSTION ANALYSERS



Smart Sensors, pre-calibrated to eliminate calibration after replacement

- Measures six gases: CO, O2, Low and High CO, NO, NO2 (for true NOx) and SO2
- Stores 100 readings
- Hand held
- All readings on one screen which features zoom capabilities
- Displays a graphical hot spot bar
- Flow fail and sensor life remaining display icons
- Visible and audible low battery alert
- Backlight and function keys
- Automatic CO purge with separate purge pump
- Field replaceable thermocouples
- Options for PC interface (Serial or IrDA)
- Supports ZIV protocol for PC data transfer
- Infrared printer output
- 10 fuel codes
- 2 year warranty on cells and unit



Bacharach Tech 60

- Measured values: oxygen, flue gas temperature and carbon monoxide (0-2000ppm)
- Calculated values: combustion efficiency and carbon dioxide content
- 2 year warranty on cells
- Selectable fuels: natural gas, oil #2, LPG and kerosene
- Powered by four disposable "AA" alkaline batteries (included)
- Up to 18 hours continuous operation battery life
- IR Printer Compatible

#BA0038

IR Printer

- Wireless infrared printer to suit Bacharach Flue Gas Analysers

#BA0018 DA



PORTABLE GAS DETECTORS



Geca Carbon Monoxide Detector

- 0-1000ppm CO measuring range
- +/- 1% scale resolution (+/- 1 digit)
- 9v DC battery
- > 200h battery life
- Auto switch off after 10 minutes
- < 60 seconds stabilising time
- 80x187x32mm dimensions

#GE.ID155



Bacharach Leakator Junior

- One button operation
- Visual and audio indicators / alarms
- 30cm flexible probe
- 2 sensitivity levels
- Long battery life
- Detects: acetone, butane, ethanol, gasoline, hexane, hydrogen, natural gas, paint thinners and propane
- Sensitivity (methane based): 20ppm in high sensitivity mode, 50ppm in low sensitivity mode

#BA02010



Bacharach Leakator 10

- Simple to use
- Visual and audible alarms
- 30 hour battery life
- 20ppm usable sensitivity (methane based)
- 50cm flexible probe
- Detects: acetone, acetylene, benzene, butane, ethanol, ethylene oxide, gasoline, hexane, hydrogen, industrial solvents, methane, natural gas, paint thinners and propane

#BA02009

PORTABLE GAS DETECTORS



Digitron

- Rubber protective boot as standard
- Tilt stand & magnetic attachment
- 45cm flexible probe

#DG-DGS-10

PERSONAL GAS DETECTORS



Neotronics Impulse X4

- Flammable gas, Oxygen, Carbon Monoxide and Hydrogen Sulphide Monitoring
- Instantaneous display
- 90 Decibel Alarm
- Alligator Clip, Wrist-strap & Hard Hat adapter.

#APC-IMPULSEX4



Rae Toxirae II

- Single Gas personal alarm
- Various Toxic Gas Sensors available
- Instantaneous display
- 90 Decibel Alarm
- Alligator Clip, Wrist-strap & Hard Hat adapter.

#APC-TOXRAE

FIXED GAS DETECTORS

DOMESTIC / COMMERCIAL



Seitron BEAGLE Gas Leakage Detector

- Natural Gas
- LPG Gas
- Relay output for Solenoid Valve, Alarm, or BMS connection.

#SE0303 - Natural Gas

#SE0308 - LPG



Geca Carbon Monoxide Detector

- Carbon Monoxide Detector (CO)
- Test button
- Function lamps
- 240volt AC relay output
- Suitable for use with Brahma valves
- Audible and visible alarm
- Calibrated to 50ppm
- Domestic or commercial

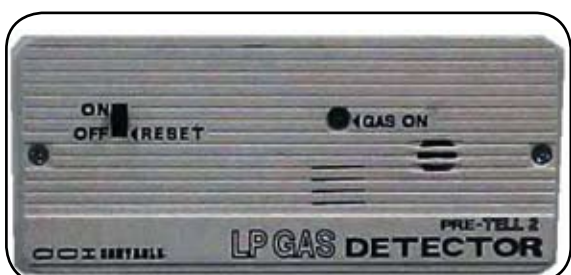
#GE.SE115SC



First Alert Carbon Monoxide Alarm

- Battery Powered (9v battery supplied)
- No installation required
- Optional Wall Mount Bracket Supplied
- 85 Decibel Alarm
- Silence / Test Function
- Ideal for Homes / Boats / Caravans

#ARC-FCD3-EC



CCI LPG Alarm

- 12volt DC
- Relay Output
- Flush Mount
- 85 Decibel Alarm
- On/Off/Reset Switch
- Ideal for Boats / Caravans / RV's

#SA-7773/20

FIXED GAS DETECTORS

INDUSTRIAL



GECA CTR GAS DETECTOR

- Natural Gas or LPG
- 3 Alarm Conditions
4%, 10%, 20% LEL
- 2 Relay Outputs 10% & 20% LEL
- 4 Level LED Indication

#GE.CTR21/M Natural Gas

#GE.CTR/G LPG



GECA Gas Central Control Unit

- Up to 3 Independent Remote Sensors (Natural Gas or LPG)
- 230VAC or 12 Volt External Supply
- 4 Alarm Conditions
4%, 8%, 10% & 20% LEL
- 2 Relay Outputs 10% & 20% LEL
- 6 Level LED Indication

#GE.CTP21



Remote Sensor for CTP 21

#GE.ST441/M Natural Gas

#GE.ST441/G LPG



GECA Carbon Monoxide Central Control Unit

- Up to 4 remote Sensors
- 230volt AC or 12Volt Electrical Supply
- 4 Alarm Conditions 10, 25, 50 & 100PPM
- 2 Relay outputs 50PPM & 100PPM
- Six Level LED Indication

#GE.SE149EC

FIXED GAS DETECTORS

INDUSTRIAL



Remote Sensor for SE149EC

#GE.ST441/M Natural Gas

#GE.ST441/G LPG



GECA Audible Alarm

- Siren & Red Light Indication
- 115 Decibel Alarm
- 230volt AC Electrical Power
- Suitable For All GECA Gas detection equipment

#GE.SE301

GAS SAFETY PROTECTION SYSTEMS



Gas Guard For multi-storey buildings, kitchens, boiler rooms, classrooms and laboratories

- A wide range of fire alarm, gas detection and emergency stop devices
- Low gas pressure protection
- All valves AGA approved

#L0040015 GASGUARD KIT
15mm 240VAC PP K

#L0040020 GASGUARD KIT
20mm 240VAC PP K

#L0040025 GASGUARD KIT
25mm 240VAC PP K

#L0040032 GASGUARD KIT
32mm 240VAC PP K

#L0040040 GASGUARD KIT
40mm 240VAC PP K

#L0040050 GASGUARD KIT
50mm 240VAC PP K

#L0040065 GASGUARD KIT
65mm 240VAC PP K

GAS SAFETY PROTECTION SYSTEMS



Stove Timer Switch

- Timer switch
- Changeable timer settings
- Ideal for home safety
- For use with gas safety shut off valves (#B22431)
- Ideal for elderly people or any person who might leave their stove running

#L0012

THERMAL PROTECTION SYSTEMS



Power Link Thermal Fuse

- Thermally operated
- 70°C fusing temperature
- Non resetting fuse
- Vented metal housing
- SPST contacts

#Z90004