



274 Church Street
Onehunga

System Control Engineering NZ Ltd

THE GAS BIZZ BULLETIN
February 2011



The latest in analyser technology, the PCA3 is a lightweight hand held combustion analyser that enables easy, fast, on demand sampling of light industrial, commercial and institutional gas appliances. Now with a full colour screen, this unit measures and displays Flue Gas oxygen, Carbon Monoxide, Stack temperature, Draft, and Combustion air temperature while simultaneously calculating and displaying Combustion efficiency, Excess air and Carbon Dioxide together with NOx and Oxygen reference values.



- Features and Benefits**
- Large backlit colour screen with zoom
 - Metal connectors for strength
 - 6 different electrochemical sensors available O₂, NO, NO₂, SO₂, CO low, CO high (over 4000ppm)
 - Select from 10 different fuel options
 - Uses 4 'AA' alkaline batteries
 - Optional AC power adaptor for extended operation
 - Auto over range protection of CO sensor
 - Auto zero on start up
 - Multiple display choices for pressure and temperature units
 - Low battery alarm
 - Programmable calibration reminder
 - Stores up to 500 records on internal memory, downloadable to PC
 - Complete with PCA3 software and USB cable
 - Wireless Infra red link to printer
 - B-Smart sensors for on site replacement
 - Pollution conversions calculated for sensors installed.
 - 2 year warranty on analyser

B-SMART SENSORS

B-Smart sensor technology enables field installation of pre calibrated sensors. Sensors are supplied with data that can be entered through the PCA3 software or instrument menus.



Like the PCA2 the PCA3 kit comes in a sturdy carry case

Phone: 09 636 1401 Fax: 09 636 1525
Email: sales@systemcontrol.co.nz
www.systemcontrol.co.nz

Plumbers, Gasfitters & Drainlayers Board Courses for 2011

System Control Engineering NZ Ltd will be holding the following PGDB approved courses in February & March 2011.



All courses to be taken by Dave Hotter

23rd February 2011

Commissioning of Over-Pressure Shut Off Regulators

Ensures the procedures required for the correct commissioning of over-pressure regulators are understood and followed.

Principles of Flame Safeguard Systems

Teaches the theory of flame safeguard systems and their application as gas appliance safety controls.

8 Credits

Cost \$ 140.00 + GST



16th March 2011

23rd March 2011

Regulators & Pipesizing

Provides the basic fundamentals of pipesizing and regulator selection.

Functions & Use of a Flue Gas Analyser

The application of the flue gas analyser appliance for combustion testing. Theory of products of Combustion, Carbon dioxide, Carbon Monoxide and efficiency

8 Credits per evening

Cost \$ 140.00 + GST per evening



SMRVS100401



Don't forget we sell Gas Leak Detector Spray

WHERE

Mt Richmond Motor Lodge
676 Mt Wellington Highway, Mt Wellington,
Auckland

5pm start, refreshments supplied

FOR BOOKINGS CONTACT

Katherine Halloran

Phone: 09 636 1401 - Fax 09 636 1525

Email: admin@systemcontrol.co.nz

Now only \$10.00+GST+Freight

Quote of the Month

"People are so worried about what they eat between Christmas and the New Year, but they really should be worried about what they eat between the New Year and Christmas".

Author Unknown

BACHARACH
Leak Detectors
Flue Gas Analysers

BRAHMA
Pilot Burners
Burner Controls
Ignition Transformers
Gas Solenoid Valves

BROMIC
Appliance Regulators

CAMPINI
Thermostats

CATOBA
Pilots
Controls
Gas Valves

DIGITRON
Digital Manometers

DORMONT
Flexible S.S. Connectors
Quick Disconnect Couplings

DUNPHY
Gas, Oil & Dual Fuel Burners

ECOFLAM
Package Burners

GECA
CO Detectors
Gas Detectors

FLAMEFAST
Hot Metal & Heat
Treatment Equipment

ITAP
Gas Ball Valves

JEAVONS
OPSO Regulators
Appliance Regulators

KROMSCHRODER
Gas Filters
Gas Meters
Pilot Burners
Pressure Switches
Gas Solenoid Valves

MADAS
Gas Filters
Regulators

NAMCO
Combustion Equipment

OARA
LP Gas Regulators

PH PRODUCTS
Smoke Pallets

POLIDORO
Blade Burners
Atmospheric Burners

REGO
LP Gas Regulators

RIELLO
Package Burners

ROBERTSHAW
Pilot Burners
Thermocouples
Gas Control Valves

SATRONIC
Burner Controls

SCE
Test Points
Petes Plugs
Test Nipples
U-Tube Manometers

SEITRON
Gas Detectors

SHERWOOD
Auto Changeover Regulators

SIT
FFD's,
Flame Rods
Gas Controls
Ignition Electrodes

WHITE-RODGERS
Gas Control Valves