

SCIENCE LABORATORY UTILITY CONTROLS

**KEYED GAS,
ELECTRIC &
WATER SHUT
OFF**

**WITH OPTIONAL
GAS LEAK
DETECTION**



30+
YEARS OF
EXPERIENCE



ULC Listed
ULC 61010 listed controller



Key Lock Authority
On/off control over utilities,
prevents tampering and gives
teacher full control over
classroom utilities



Gas Pressure Proving
Pressure drop test on
start-up with low & high gas
pressure monitoring



**Quick Emergency
Shutdown**
Front mounted panic button for
fast utility shutdown in
emergency - no need to search
the room for a manual valve



Easy To Operate
Solution specific circuit
board design allows for
operation with any
fan style or brand



**BMS & Fire Panel
Connectivity**
Outputs available to BMS
systems via the controllers dry
contacts



Simple Installation
Clearly labeled PCB for
plug & play installation



**Automatic Time-Out
Feature**
Built-in time out feature
protects building from use out
of hours. Settings are disabled,
2, 4 or 8 hours timed shutdown.

ENHANCE YOUR DESIGN



**A ball valve is no longer the best means of
protection for gas use in a science laboratory.**

The simple addition of an CGS Merlin panel can
significantly improve teacher control and occupant
safety within the classroom.

PROVIDING SAFETY & CONTROLS IN

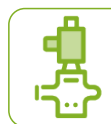
- SCIENCE LABORATORIES • BOILER ROOMS • GAS FEATURES
- COMMERCIAL KITCHENS • PARKING GARAGES • EMS STATIONS

CGS GAS PRESSURE PROVING



The CGS Merlin pressure transducer which comes with
the controller is used with the CGS range of gas proving
systems. This pressure transducer checks the gas
pipework for leaks every time the gas is turned on.

In the event of a gas leak of a open appliance during
the test sequence, the transducer will send a signal to
the Merlin controller to isolate the gas solenoid valve.



Automatically
shutdown
gas if a leak is
detected



Low & high
continuous gas
pressure
monitoring

FIND OUT MORE

info@canadiangassafety.com
647-577-1500

Original Gas Pressure Proving Technology

We are the Leading Manufacturer of Laboratory Utility Control & Gas Safety Systems in Canada

CGS Merlin 1000S



SINGLE OUTPUT UTILITY CONTROL & GAS PRESSURE PROVING

CGS Merlin 1000S+

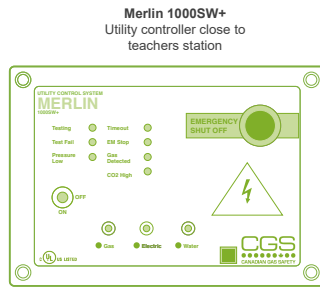


DUAL OUTPUT UTILITY CONTROL & GAS PRESSURE PROVING

CGS Merlin 1000SW+



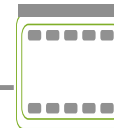
TRIPLE OUTPUT UTILITY CONTROL & GAS PRESSURE PROVING



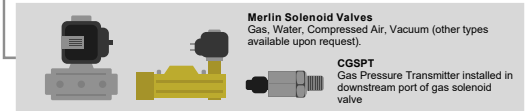
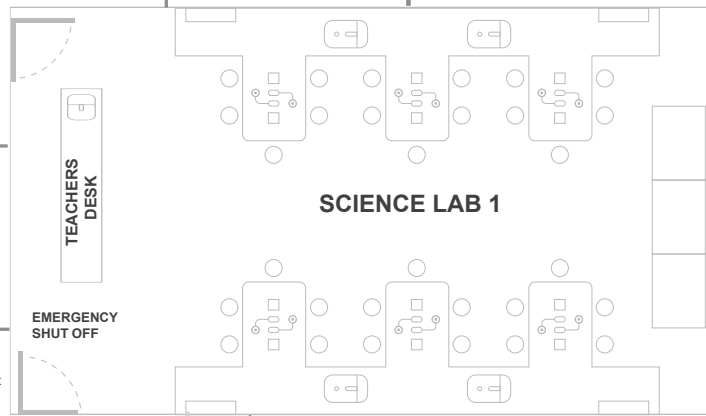
CGSEPTW
Emergency shutdown button next to main exit



CGSNGTFT
Fuel gas sensor
12inch from ceiling

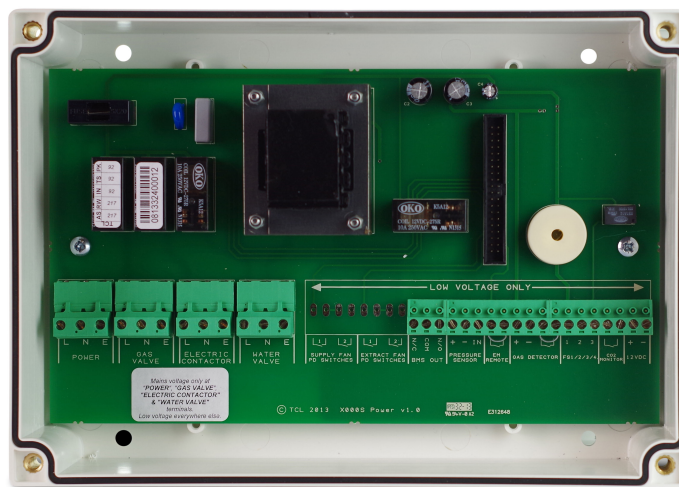


CGSCON4P20ANO /
CGSCONENC
Electrical contactor(s) in
an CGSCONENC metal
enclosure above ceiling



CEILING SPACE WITH GAS & WATER LINES

EASIEST INSTALLATION AVAILABLE



- ✓ No programming
- ✓ Removable Terminals
- ✓ Clearly Labeled Terminals
- ✓ No Commissioning Required

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