

# THE MERLIN RANGE

## 1000V SYSTEM



The Merlin 1000V proving system designed specifically for use in school science laboratories and food technology classrooms where the system is required to be interlocked with the ventilation. The Merlin

1000V controls the Gas to the appliances. On start up the Merlin 1000V performs a gas-proving test on the pipe work in order to highlight if there is a gas appliance open or a gas leak in the laboratory and offers gas

isolation in the event of an emergency. Another feature of Merlin 1000V is monitoring the mechanical ventilation in the classroom, if the ventilation fails or is turned off the gas will be isolated.

FOR OUR FULL RANGE OF PRODUCTS AND THE REVOLUTIONARY SPEC WIZARD VISIT US AT [WWW.SNSNORTHERN.COM](http://WWW.SNSNORTHERN.COM)

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# LABORATORY EQUIPMENT

## 1000V SYSTEM

### *Advantages of the Merlin 1000V System*

- Works conjunction with a Merlin CO2 Monitor.
- Interlocks with the ventilation
- Protects people and property by testing for leaks before allowing the gas on.
- Reliable method of pressure proving using the gas pressure transducer.
- Time out facility protects the building out of hours
- Low-pressure indication, continual monitoring of gas pressure.
- Clear LED display for system indications.
- Compatible with both BMS and fire alarm systems.
- No calibration required
- Covered by S&S Northern 3 year warranty

### *Complete piece of mind in a single panel*

The Merlin 1000V is designed to give the teacher full control over the incoming gas supply with the lockable key-switch operation. The Merlin 1000V can work in conjunction with carbon dioxide, natural gas, carbon monoxide and LPG sensors.

The Merlin 1000V also has a built in "timeout" facility which will automatically shut off the gas solenoid valve at the end of a specific time period, this time period can be adjusted to 2, 4, 8 hours or can be disabled if required.

This system is also available as gas and electric isolation (Merlin 1000V+) and the (Merlin 1000VW+) for gas water and electric isolation.

***S&S Northern Ltd has a full technical team available on 01257 470 983. Call Now!***



#### *Merlin 1000V Box Dimensions*

<i>Height</i>	<i>178mm</i>
<i>Length</i>	<i>254mm</i>
<i>Depth</i>	<i>62mm</i>

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