



## LabSense

INTELLIGENT ENVIRONMENTS

- Key enabled and easy to use
- Selectable operation period
- Visual and audible warning
- Pre-selectable services (gas, water, electric)
- Network option



## Intelligent Environments

Lab Sense is a range of gas pressure proving and safety interlocks designed for school and university laboratories to ensure that the gas pipe work and appliances such as Bunsen burners are in a safe condition with no leaks before the gas is switched on.

LabSense has a unique touch button system which allows for the independent control and activation of the gas, water and electric. For larger, multi lab sites, LabSense can be fully integrated in to our networked management / monitoring system with a master touch control display panel.

When the LabSense is turned on, it detects if a gas appliance has been left open or there is a leak in the pipe work. The system will automatically detect a reduction in gas pressure and will not allow the main gas valve to open. The system also has a 12mbar low pressure cut off setting which will, during its normal operational mode, shut the main gas valve if the pressure drops to this setting for more than 10 seconds. This 12mbar low pressure level is at a point where the flame is weak and can self collapse or be simply blown out.

# LabSense

INTELLIGENT ENVIRONMENTS

## GET IN TOUCH

FOR OUR SALES DESK,  
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01782 844688

e [sales@trentcontrols.com](mailto:sales@trentcontrols.com)

f 01782 844772

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The system is enabled via a teacher's key switch; this restricts the use of the system. Each of the services, gas, water and electric are pre-selectable to enable full control. When the services are required the operator presses the system start pad and the LabSense will carry out its proving function. Either of the services can be de-selected during the operational period or they can all be switched off by either pressing the system stop pad or via the inbuilt operational period timer (adjustable).

The LabSense also has provision for a remote emergency stop knock-off button circuit to be connected as well as a fire alarm inter-face. If either of these circuits is activated, the gas valve will close and an audible alarm will sound. All of these circuits are low voltage to meet the current requirements for fire alarm systems.

The system can also accept a second sensor input, such as a CO (Carbon Monoxide) sensor or CO<sup>2</sup> (Carbon Dioxide) sensor and this can be set to switch off the gas supply also.

The LabSense has a clear tri-coloured LED indication and touch pad system for ease of operator use with a low profile enclosure with a wipe down facia.

Each system comes complete with a remote knock-off push button, installation and operator's manual and a two year warranty. We have a full technical support desk and help line for any of your questions.

If you would like more information or would like to book a visit from one of our demonstration team, please contact us on 01782 844 688 or visit our website.

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t 01782 844688

f 01782 844772

e [sales@trentcontrols.com](mailto:sales@trentcontrols.com)



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