



# accutherm

INTERNATIONAL

ABN 17 100 208 964



- Function of pressure proving according to AS5601 Gas Shut-Off
- Can be monitored by BMS
- Easily interlocked with additional safety devices or external systems  
Emergency stop buttons, fire alarm
- Required where downstream appliances do not have integral flame failure
- Assembled & ready for easy installation
- Automatic testing of downstream pressure
- Automatic activation following successful pressure test
- Manual activation required following failed pressure test

## ACCU-TEST SAFETY

### Assured Gas Shut Off Protection

The Safety Gas Shut-off system is purposely designed to prevent gas being restored to open unsafe downstream piping and can be easily linked to emergency interlocks. ACCU-TEST System is supplied complete with a control panel & a solenoid valve assembly

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## APPLICATION:

### Pressure Proving:

ACCU-TEST Gas Safety Shut Off System is purposely designed to prevent gas from being restored to open unsafe downstream piping. Functions of the ACCU-TEST system is in accordance to AS5601 Gas Shut Off.

Commercial Kitchen



Science Laboratory



### Building Management System (BMS)

ACCU-TEST System can be remotely monitored by a building management system. It is recommend that filters, gas pressure regulators and other componentry is installed upstream and the ACCU-TEST is installed downstream, as close the appliance(s) as possible due to the manual reset function of the system.

Request a volt free contact or low voltage interlock relay to be added to the panel upon ordering.

### Emergency Interlocks

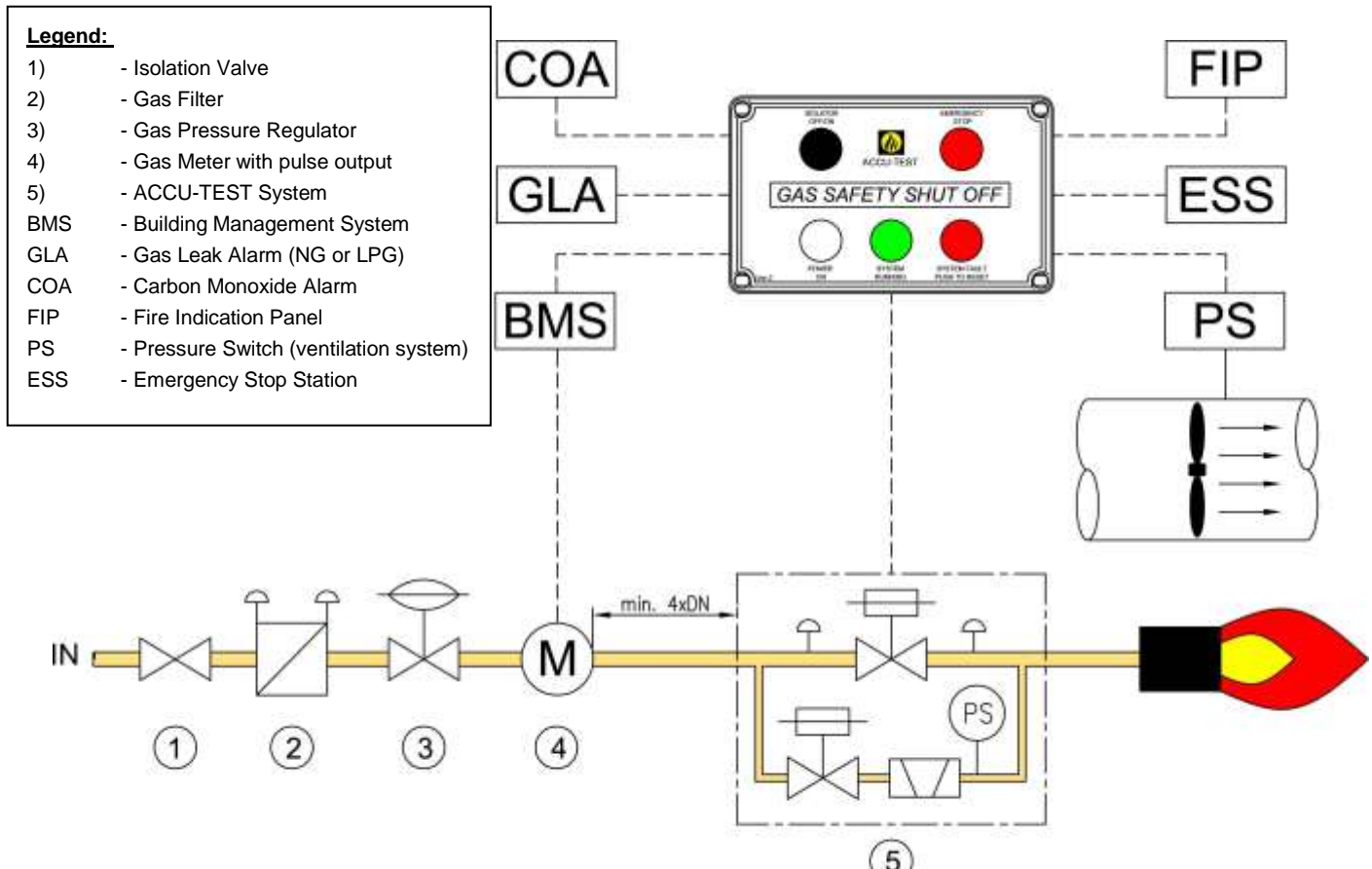
ACCU-TEST System can be easily interlock with an emergency stop button, gas leak sensor/alarm, carbon monoxide sensor/alarm, ventilation pressure switch, fire alarm or sprinkler system.

Request interlock relay to be added to panel upon ordering. Available in 24 VAC, 24 VDC or 240 VAC

- Hotels & Motels
- Shopping Centres
- Hospitals & Health Care Facilities
- Clubs & Pubs
- Schools & Education Facilities
- Laboratories
- Restaurants & Commercial Kitchens
- Anywhere gas safety is required

## INSTALLATION:

ACCU-TEST System can be integrated with multiple safety interlocks such as emergency stop stations, gas detectors, fire alarm or sprinkler systems, ventilation pressure switch.



## OPTIONAL ACCESSORIES:

Product:	Part Number:	Description:
Isolation Butterfly Valve	LS-BFV-xxx	65mm & above Lugged Butterfly Valve
Gas Filter	PF-FIL-xxx	Filter 15mm to 150mm, 50 microns
Appliance Regulator	PF-FAG-xxx	Regulator 15mm to 100mm, 1 bar rated
OPSO Regulator	PF-xxx	Call 03 9763 6335 for more info
Emergency Stop Station	LS-FS-EM-xxx	Twist to reset or key to reset
Emergency Stop Label	LS-FS-EM-EMLABEL	Emergency Stop Label 250mm x 125mm
Combustible Gas Leak Alarm/Sensor	LS-GD-HF500xxx	240V Combustible Gas Alarm with relay Natural Gas & LPG models available
Carbon Monoxide Alarm/Sensor	LS-GD-340Fxxx	240V Carbon Monoxide Alarm with relay

## OPTIONAL ACCESSORIES CONT:

Request optional relay(s) to be added into ACCU-TEST upon ordering:

Part Number:	Description:
LS-FS-RELAY-24VAC	24 VAC Interlock Relay
LS-FS-RELAY-24VDC	24 VDC Interlock Relay
LS-FS-RELAY-240V	240V Interlock Relay
LS-FS-RELAY-BMS-ALARM	Volt Free Contact, BMS Alarm Output

## TECHNICAL SPECIFICATION:

<b>Gas Type:</b>	Natural Gas, Propane Vapour (LPG) Other dry, clean gases
<b>Maximum Inlet Pressure:</b>	20 kPa on 240V Standard ACCU-TEST Models ACCU-TEST-HP (high pressure) models available upon request
<b>Power:</b>	240 VAC, 50/60 Hz Low voltage models available upon request
<b>Connection Sizes:</b>	DN15 to DN100. Larger models available upon request

### ACCU-TEST Sizing Chart - 240V Standard Low Pressure Models

Size:	Natural Gas		LPG		Part Number:	
	MJ/h	m³/h	MJ/h	m³/h	Panel	Valve Assembly
15mm	313	8.1	477	5	LS-FS-440	LS-FSVA-15-240
20mm	619	15.9	944	9.9	LS-FS-440	LS-FSVA-20-240
25mm	782	20.1	1,193	12.5	LS-FS-440	LS-FSVA-25-240
32mm	1,433	36.9	2,187	22.9	LS-FS-440	LS-FSVA-32-240
40mm	1,889	48.7	2,883	30.2	LS-FS-440	LS-FSVA-40-240
50mm	2,605	67.1	3,977	41.6	LS-FS-440	LS-FSVA-50-240
65mm	4,233	109.1	6,462	67.7	LS-FS-440	LS-FSVA-65-240
80mm	5,210	134.2	7,954	83.2	LS-FS-440	LS-FSVA-80-240
100mm	9,639	248.4	14,714	154.1	LS-FS-440	LS-FSVA-100-240

\* Based on 2.5mbar Pressure Drop

## REQUEST FOR QUOTATION:

Company:					
Address:					
Suburb:		State:		P/C:	
Phone:			Fax:		
Contact Name:					
Email Address:					
Scope of Supply					
Application:	<input type="checkbox"/> Kitchen <input type="checkbox"/> Laboratory Other: _____				
Gas Type:	<input type="checkbox"/> Natural Gas <input type="checkbox"/> LP Gas Other: _____				
Max. Flow Rate:	_____ MJ/h _____ m <sup>3</sup> /h				
Flow Direction:	<input type="checkbox"/> Left to Right (standard) <input type="checkbox"/> Right to Left (on request)				
Gas Pressure:	<input type="checkbox"/> 1.1 kPa <input type="checkbox"/> 2.75 kPa <input type="checkbox"/> 2.75 to 7 kPa <input type="checkbox"/> 7 to 20 kPa, <input type="checkbox"/> 20 to 100 kPa, Other: _____ kPa				
Power Supply:	<input type="checkbox"/> 240 VAC <input type="checkbox"/> 24 VDC <input type="checkbox"/> 24 VAC Other: _____				
Optional Interlock Relay FIP, BMS etc	<input type="checkbox"/> 24 VDC <input type="checkbox"/> 24 VAC <input type="checkbox"/> 240 VAC Other: _____				
Volt Free Alarm Contact: (BMS)	<input type="checkbox"/> Yes <input type="checkbox"/> No				
Additional Notes:					

Return form by email: [sales@accutherm.com.au](mailto:sales@accutherm.com.au) or fax 03 9763 8003

More information: call 03 9763 6335 or visit [www.accutherm.com.au](http://www.accutherm.com.au)

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**GAS CONTROL AND METERING SYSTEM SPECIALISTS**