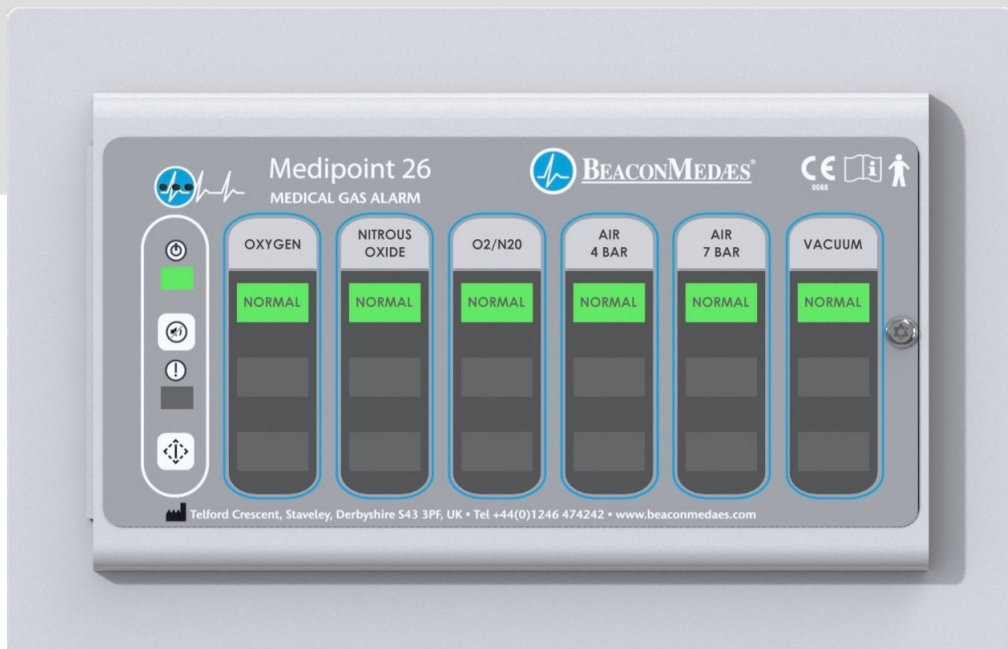




**BEACONMEDÆS**<sup>®</sup>

*Part of the Atlas Copco Group*

## Alarm Panels



FOR MORE INFORMATION CONTACT US

[beaconmedaes.com](http://beaconmedaes.com)

*Life*  
is in the  
details.<sup>®</sup>





## LOCAL ALARM PANELS

The BeaconMedæx Medipoint 26 Medical Gas Area Alarm is designed to monitor up to six medical gas services in the Normal, High and Low pressure conditions. They are normally used to provide a warning of abnormal operating pressure downstream of departmental area valve service units.

## CENTRAL ALARM PANELS

The BeaconMedæx Medipoint 125 Medical Gas Central Alarm system is designed to provide full monitoring of the complete medical gas system. An individual Medipoint 125 alarm panel displays up to 5 gas sources in the 'Normal' and 4 'stage' alarm conditions, or may be used to display up to 20 individual point alarms.

## LINE CONTACT MONITORING

Line contact monitoring circuits constantly verify the integrity of input sensors and interconnecting wiring circuits.

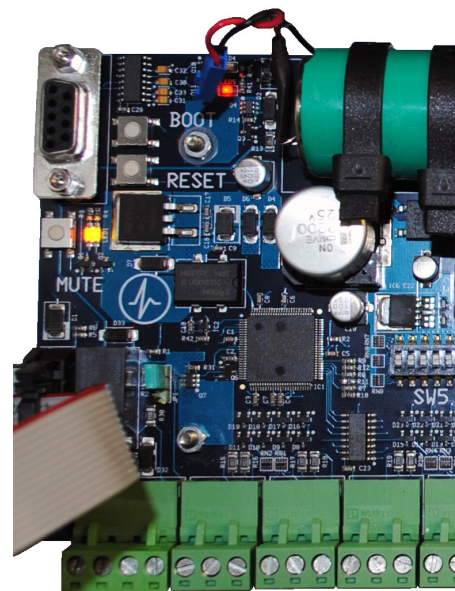
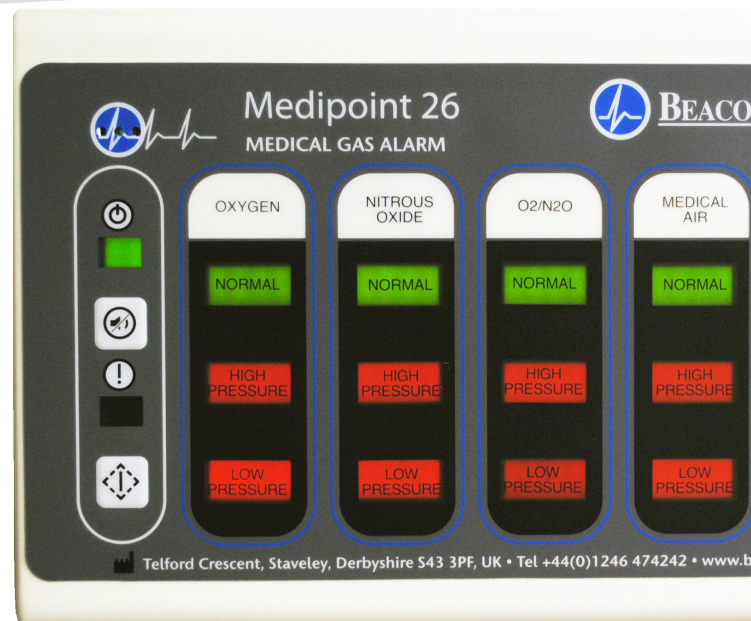
## PRESSURE MONITORING

High specification, virtually drift-free pressure switches include dual double throw contacts to monitor both high and low pressure in a single switch. A miniature PCB installed in the switch cover includes the line contact monitoring circuit so that no additional junction boxes are needed.



## KEY BENEFITS AT A GLANCE

- Light boards are supplied fully populated with LED's to enable the monitoring of an additional gas by the operation of a simple dip switch
- Surface mounted components to reduce heat and extend product lifetime
- Robust and time served technology
- Biomaster anti microbial protection
- Line contact monitoring means all interconnecting cables are monitored for continuity
- RoHs2 compliant boards and pressure switches
- Pres set and virtually drift free pressure sensors
- CE certified and compliant to BS EN 60601-1 Safety Standards





# SURFACE MOUNT TECHNOLOGY

The Medipoint alarm comes with advanced printed circuit boards using surface mount technology as standard. This allows cooler operating temperatures to be maintained, increasing the reliability and substantially lengthening service life. All boards are entirely touch proof, with any low voltage components or circuitry either shielded or mounted behind the board for added safety of the user.

# UNIVERSAL SYMBOLS

Simple, easy to understand universal symbols are included for ease of operation. A unique anti-tamper proof fitting on the door panel is also provided to ensure only maintenance staff with the authority to work on the system can gain access.

# ADJUSTABLE VOLUME CONTROL

The alarm also includes a volume control so that the volume can be set to suit the area of installation. This feature is of great benefit in areas where alarms are positioned close to monitored nurse bases and patients should not be disturbed.

# EXPAND WITH YOUR HOSPITAL

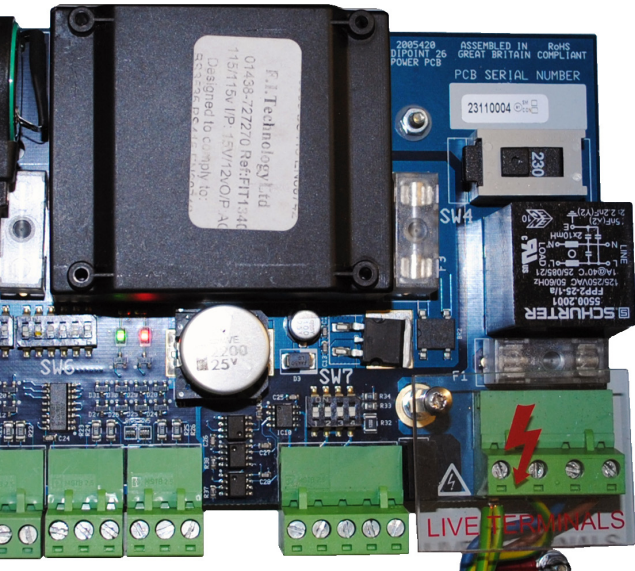
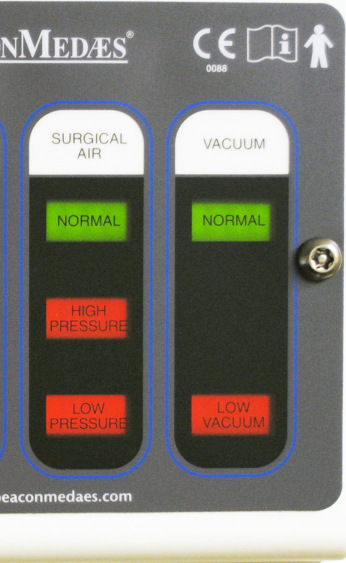
Features like the pre-punched 1st fix box, interchangeable gas service legends and simple switch programming facility allow for system expansions to be accommodated without the need to replace or add anything.

# SIMPLE REPROGRAMMING

The Medipoint® 26 Alarm is easy to reprogramme on site if modifications are made to your medical gas system. A simple 12-way switch can turn additional columns on so that a more gas services can be monitored - no mess, no fuss - simple.

# REPEATING FACILITY

The MP26 Local Alarm, as well as the MP125 Central Alarm System can have slave panels installed, in order to repeat status conditions to other areas within the hospital. For eg this enables a local alarm panel to be installed within the Operating Theatre, as per HTM02-01 code requirements but also a repeater panel installed outside the OR where staff nurses can also monitor medical gas pressure status.



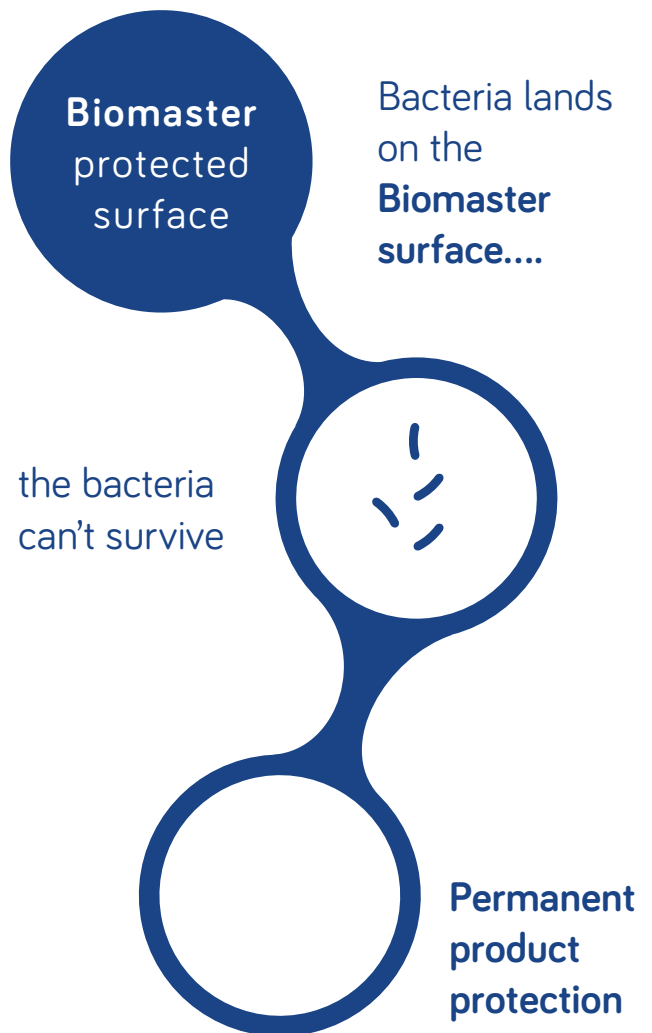
# ACCESSORIES

Finishing Bezel	Powder coated finished trim plate for semi flush mounted installation
Signal Booster	To boost the signal in the event of excessive cables runs
Remote Audible Speaker	Enables an additional audible alarm to be positined remotely of the alarm panel
Relay interface panel	Converts the signal to volt free for replicating the medical gas alarm system onto a BMS
Cable	For connection of pressure sensors to alarm, multiplexing alarms, or connecting source equipment to the central alarm
Pressure Switch connection kits	Degreased minimum leak copper tee fittings or remote kits including connecting tube

## BIOMASTER ANTIMICROBIAL ADDITIVE

The alarm fascia incorporates an antimicrobial additive to minimise cross infection. Independent testing proves a reduction against E coli and MRSA bacteria. Since the additive is included in the mixture of the plastic, the inherent properties last the lifetime of the product.

Biomaster Antimicrobial additives use a Silver Ion based technology. This prevents the growth of harmful bacteria, lasts the life-time of the product and is safe and non toxic.



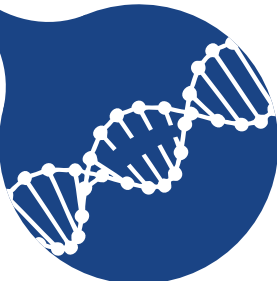
**1** Biomaster **binds** to the cell wall **disrupting growth**



**2** The Biomaster ions **interfere** with enzyme production **stopping the cell producing energy**



**3** Biomaster **interrupts** the cell's DNA **preventing replication**



## VERIMASTER SAFETY TAGGANT

The alarm fascia incorporates a safety taggant which is mixed together with the antimicrobial additive during the masterbatch process. This enables a test device to be used to check we have truly added the mixture during manufacturing as part of our quality control procedure.

This also means we can demonstrate your product is truly protected . With the safety taggant check we can verify if it is a genuine BeaconMedaes product or not - for added security measures, and ultimate peace of mind.