GAS10™

Gas Support System

Features

- Coalescing filter
- Non-return valve
- Dual flow indicators
- Components are enclosed in a secure cabinet (this does not apply to the intrinsically safe and explosion proof versions)

Benefits

- Ensures that a clean gas supply is feeding the seal
- Prevents product contamination of the gas panel during upset conditions
- Allows primary flow indication and secondary alarm condition
- Protects the components from the industrial environment

The modular GAS10™ seal support system is designed to supply inert gas (e.g. Air or Nitrogen) to mechanical seals on processes that cannot tolerate contamination by water or oil barrier fluids. The self contained system (Figure 1) has a maximum inlet pressure of 14 Bar / 203 psig and a maximum outlet pressure of 10 Bar / 145 psig enabling it to be used on a wide range of applications. A Gas Panel can be used to purge vapour build up in seal cavities. The modular nature of the system enables the upgrading of the GAS10™ so it can be used in Intrinsically Safe and Explosion Proof zoned environments (Figure 2).This modular design also enables the incorporation of a number of optional extras with the system including a humidifier and flow switch.
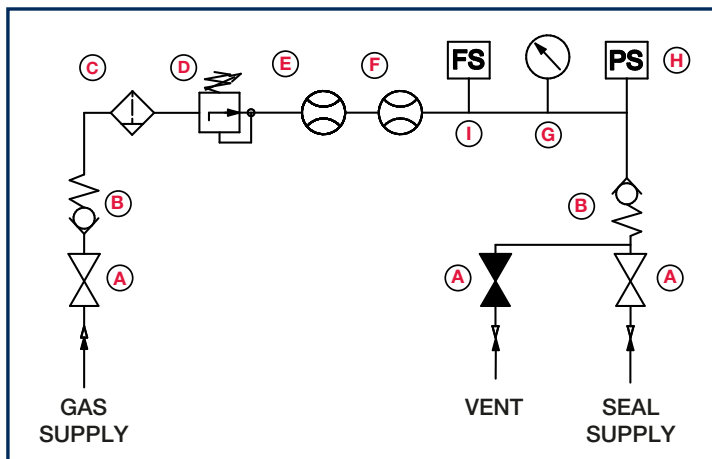
GAS PANEL™

Figure 1: All instruments are contained within the cabinet.

Figure 2: Intrinsically safe version of the Gas Panel.

GAS10™ P & ID

Item	Description
A	Ball valve
B	Check valve
C	Coalescing filter
D	Pressure regulator
E	Flow meter (high)
F	Flow meter (low)
G	Pressure gauge
H	Pressure switch
I	Flow limit switch

Mixmaster VII™ Seal

Note: The Gas Panel System may be fitted to non-AESSEAL® hydrodynamic dry running technology seals.

*AESSEAL® Mixmaster VII™ seals are not supplied with the GAS10™ Support System.

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For further information and safe operating limits contact our technical specialists at the locations below.

AESSEAL plc is certified to:
ISO 9001, ISO 14001, ISO/IEC 20000, ISO/IEC 27001, ISO/TS 29001, ISO 37001, ISO 45001 & ISO 50001

Use double mechanical seals with hazardous products.

Always take safety precautions:
- **Guard your equipment**
- **Wear protective clothing**

WARNING

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