

Kaydon Ring & Seal Gas Control Systems for gas buffered seal products

Kaydon Ring & Seal **Gas Control Systems** help ensure the successful installation and reliable operation of **[K-DGS] Dry Gas** face seals, **[K-MRC] Multi-Ring Circumferential** seals, and other dry gas seals.

For hydrocarbon processing and pipeline gas compressors fitted with gas buffered seals, discharge gas (or other alternate gas) must be filtered, regulated, and monitored before it is delivered to the the

shaft seals. Gas exiting the seals through vents, flare lines, or recycle lines is also monitored. The combination of monitor signals can be used to track the health and performance of the seals. The quality of the devices and construction used to build the Kaydon Control System ensures the installed seals operate under the best conditions possible.

Kaydon Ring & Seal engineers work with users to deliver the optimal system for each unique

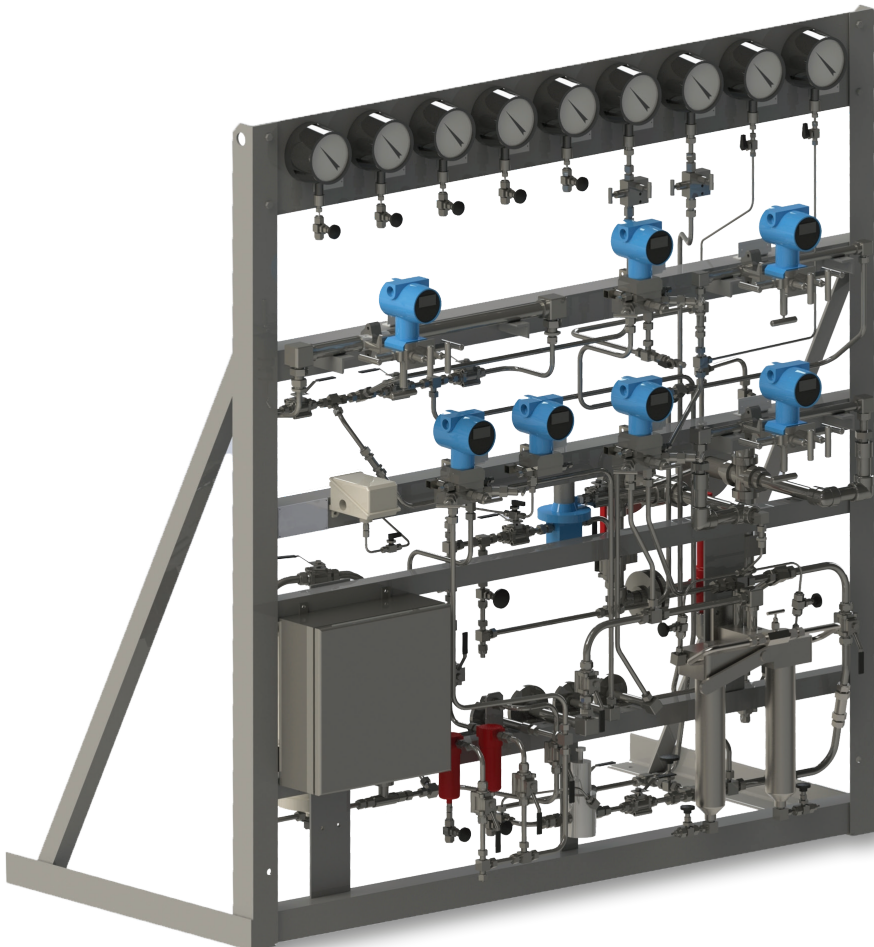
application and budget. A concept is developed with consideration for safety, piping and electrical regulations, and application (and seal) requirements. The approved concept is modeled into a general arrangement that can be used to realize final construction plans. Upon assembly, each system is subjected to comprehensive testing, and delivered ready to install.

Features

- Proper conditioning of seal gas to meet seal requirements
- Allows for remote operation of compressor
- Alarms and callouts for seal upset conditions
- Initiates shutdown in the event of a catastrophic seal failure or loss of seal gas

Applications for control systems

- **[K-DGS] Dry Gas Seals**
- **[K-MRC] Multi-Ring Circumferential Seals**
- **[K-CBS] Circumferential Barrier Seals**
- Other makes and models of gas buffered seals



Kaydon Ring & Seal
20 Industrial Drive
Hanover, PA 17331
USA

sales@krs.us
www.krs.us