HOKE GO REGULATOR CT76

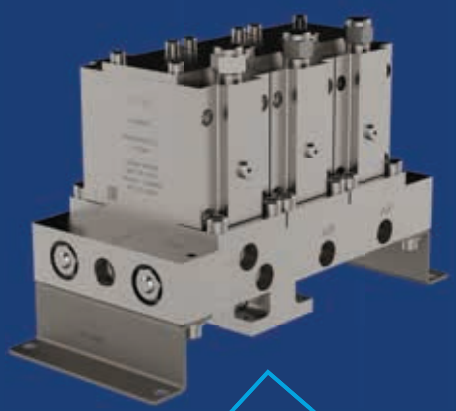
Cutting Edge Technology For Process Analytical Applications

CRANE

Industry Leading Portfolio for Analytical Applications

HPR2
With remote temperature monitoring and infinite control

DMT
Measures flow, pressure and temperature for remote monitoring and predictive maintenance.



D-SERIES
Stream switching valves provides **1,000,000** cycles with zero leakage.

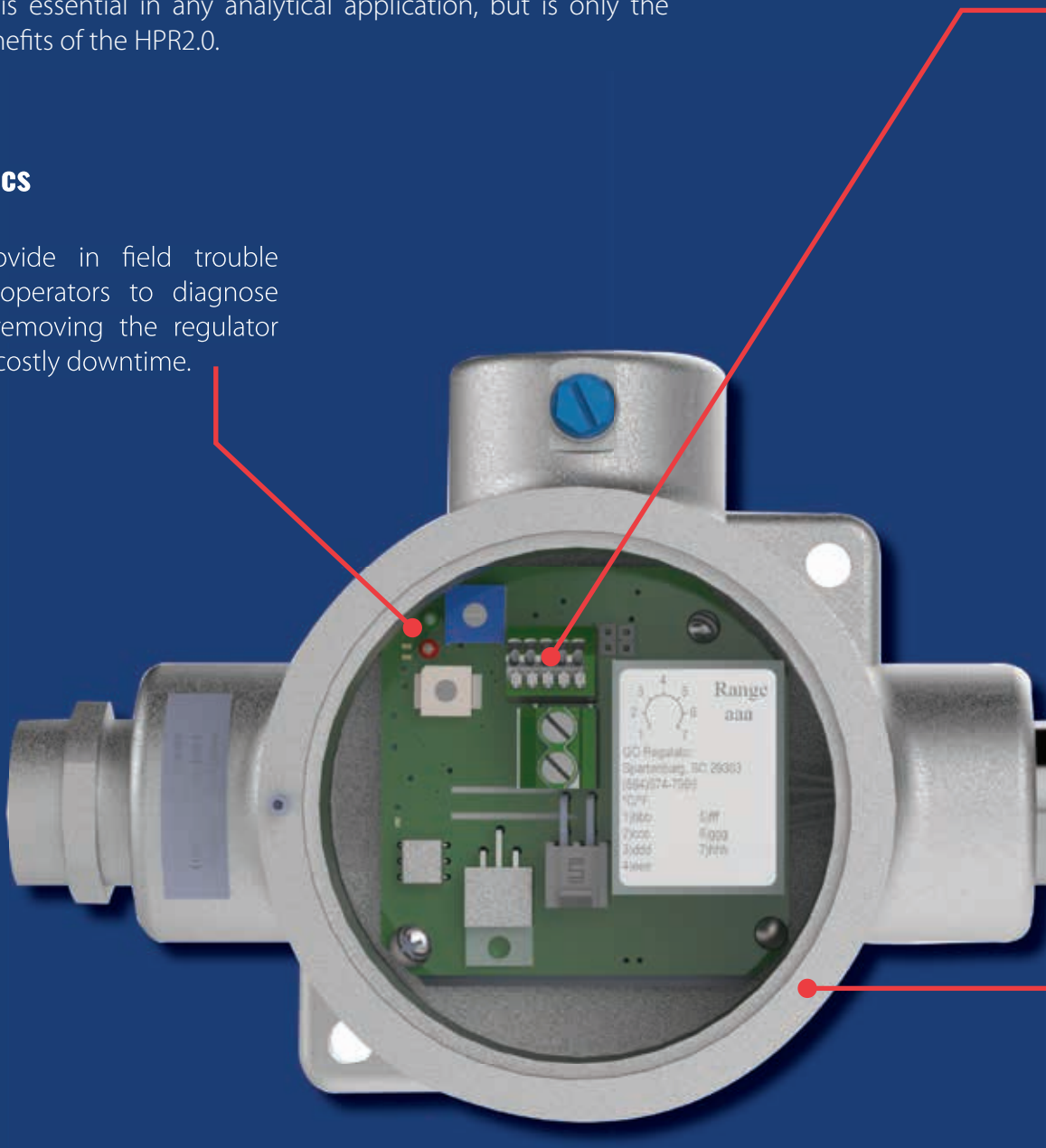
HOKE/GYROLOK/GO
Complete portfolio of valves, fittings and regulators for every process analytical need.

GO HPR2.0 Vaporizing Regulator

In late 2019, the widely trusted GO HPR vaporizing regulator became smarter. Traditional temperature controllers and thermistors were replaced by digital versions resulting in enhanced temperature control accuracy.
Enhanced accuracy is essential in any analytical application, but is only the beginning of the benefits of the HPR2.0.

In Field Diagnostics

Localized LEDs provide in field trouble shooting allowing operators to diagnose problems without removing the regulator from service, saving costly downtime.



Remote Monitoring and Setting

Digital communication allows for remote monitoring of process stream temperatures providing feedback of the health of the regulator.
Temperatures can be adjusted remotely, allowing for a change in feedstock or ambient conditions and eliminating the need to change components, field maintenance and costly downtime.

Transform Legacy Regulators

Utilizing the existing junction box and body, conversion kits are available to transform your legacy vaporizing regulator into a digital capable device.

Temperature limitations are a thing of the past with the GO HPR 2.0 Vaporizing Regulator

DMT Pressure, Temperature and Flow Sensor

Making good decisions requires good data. Developed in the late 2000's, the DMT has been extensively used by leading GC OEM's to measure pressure, temperature and flow within the single device.

Pressure, Temperature and Flow Measurement

The sensor within the DMT measures inlet pressure, temperature and flow via differential pressure across an orifice stack. This allows tracking of the health of space heaters, vaporizing regulators and filters preventing costly analyzer down time.

Reduced Installation Costs

Communication via intrinsically safe CANBUS or MODBUS eliminates the need for additional wiring or barriers, greatly reducing the cost of measurement. The DMT can be included into new systems, or retrofitted into existing systems with ease.

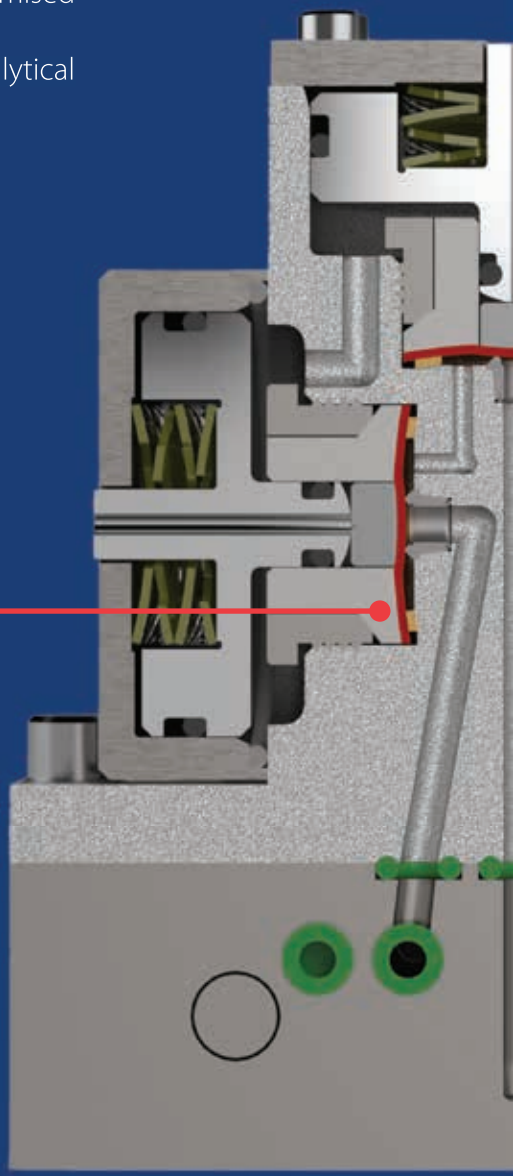
DMT provides critical data to better understand your sample process conditions

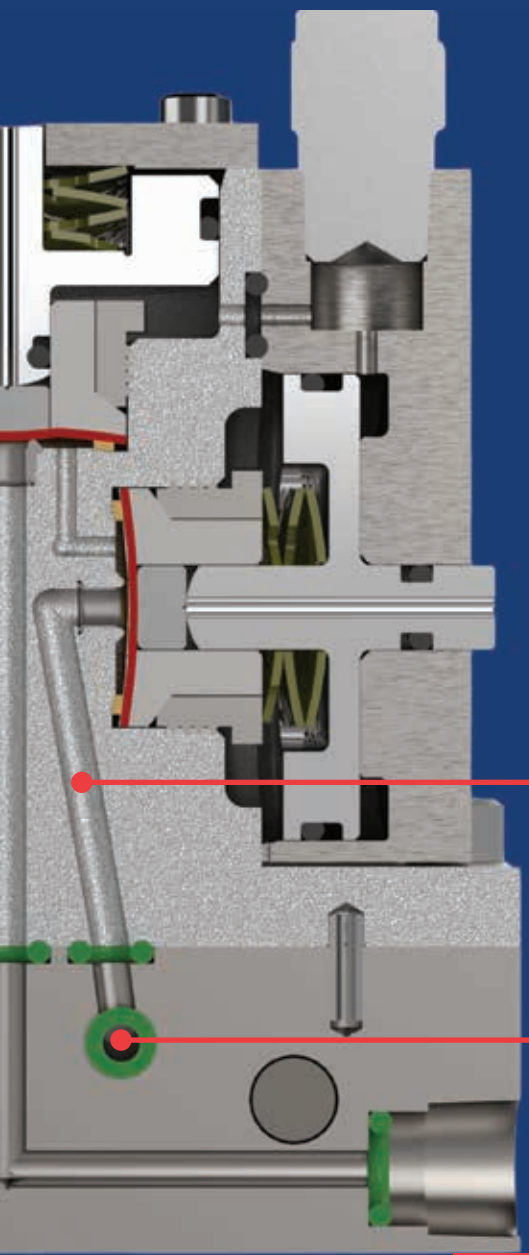
D-Series Diaphragm Valves

Traditional methods of stream switching involving ball valves and actuators come with inherit problems due to high cycle valve wear. Premature valve failure exposes operators to process liquids and gases, gives rise to compromised sample analysis and requires regular, costly valve replacement.
The D-series diaphragm valves have been designed with high-cycle analytical applications in mind. Available in DBB, 3-way and on/off configurations.

Redefining Longevity

The D-series diaphragm valves are the only valve on the market which can boast 1,000,000 cycles with zero leakage. This longevity is possible due to the metal-metal diaphragm seal and zero dynamic o-rings in the process stream. D-series valves provide reliable stream switching, long after the competition has been replaced multiple times.





Lowest Dead Volume, Highest Cv

The D-series valves have the lowest dead volume of any diaphragm valves on the market, providing the fastest analytical response time but also having the highest Cv, making the D-Series valves perfect for gas and liquid applications.

FFKM Upgrade

For applications where corrosive media provides the need for high specification materials, such as FFKM, the D-series valves are simple, and cost effective, to upgrade.

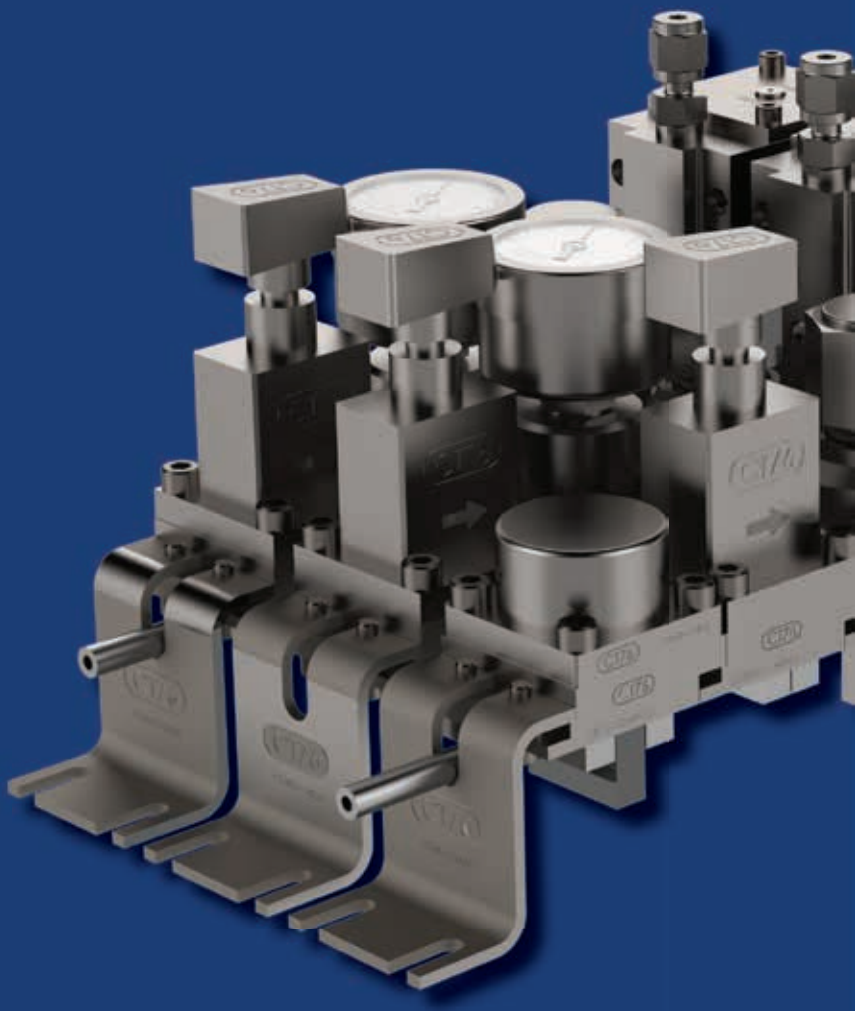
Longest lasting valves for high cycle applications

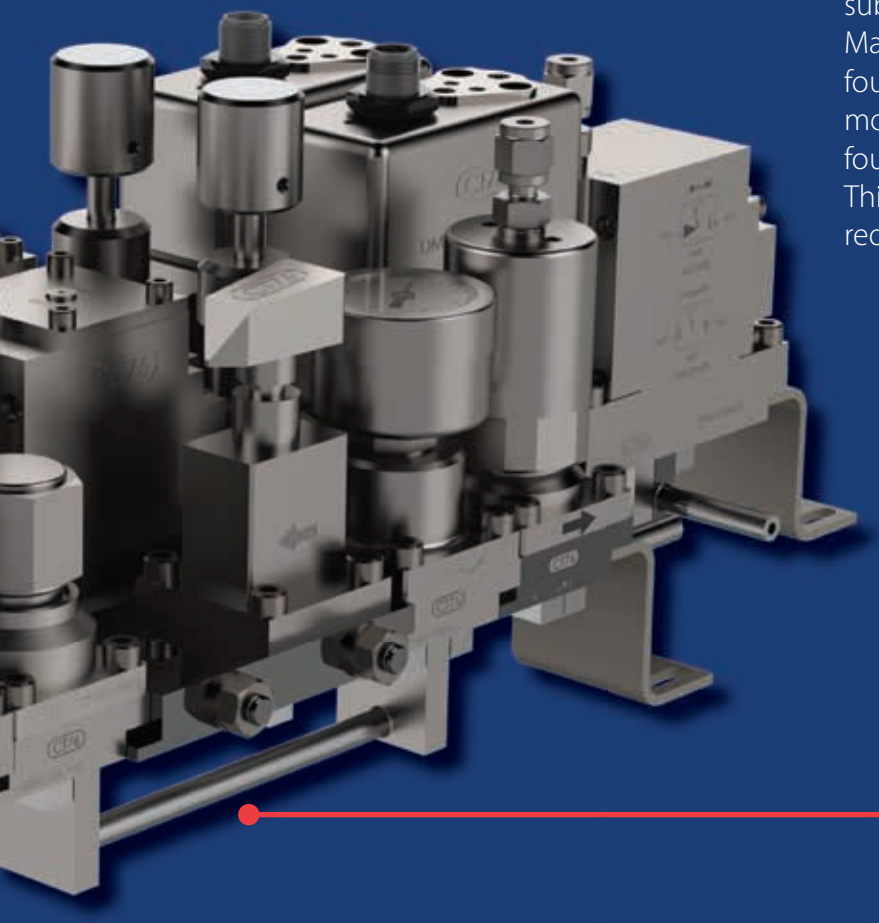
CT76 Modular Systems

CT76 Modular systems are designed for applications with space constraints. Complying to NESSI SP.76.00.00, the CT76 modular systems are the base plates and tube sets on which the stream-switching, on/off valves, filters, regulators and other components sit.
The CT76 Modular systems are not limited by the components, length, width or number or connections on or off the platform.

Integrated Design Tool

CRANE®'s design tool allows users to drag and drop components and to turn on and off layers of the design for ease of visulization. Designs are to scale and can include components like cabinets and tubing to ensure all can be accommodated within the available footprint. A complete BOM and DWG file can be produced with a click of a button.





Ease of Maintenance

All components are fixed to the substrate via a single allen key. Maintenance is as simple as removing four screws, replacing the surface mount component, and replacing the four screws in a matter of a minute. This speed of replacement drastically reduces analyser down time.

Visual Tube Sets

Tube sets are visible allowing for visual flow tracing while the innovative 3rd level flow tube allows to easily jump from one component to another for design flexibility.

CT76 is the most flexible and user-friendly systsem on the market

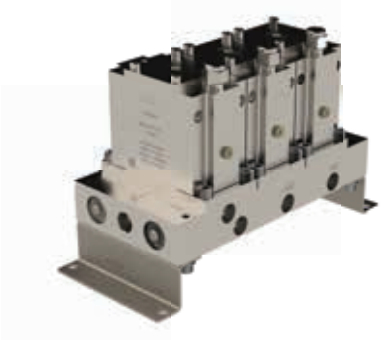
Components for Process Analyzer Systems

DV1 and DV5 VALVES
The DV1 (2-way) and DV5 (3-way) series diaphragm valves are totally free of springs, bellows, packing dynamic o-rings and lubricants in the process wetted area.
The DV1 is available in both manual or air actuated configurations while the DV5 is available in an air actuated configuration.

DBB VALVES
The double block and bleed (DBB) valve is at the heart of stream switching applications. DBB can be extended to accommodate up to 12 streams in one module.

DSV AND DSS VALVES
The DSV and DSS series provides an atmospheric reference for GC applications.
The DSV is normally open to atmosphere and closed via actuation, while the DSS is normal closed to atmosphere and opened via actuation.

DBA AND DBC SERIES DIAPHRAGM VALVES
Both series contain a DBB valve stack and an atmospheric reference valves within the same module.
The DBA uses the DSV (normally open to atmosphere) while the DBC uses the DSS (normally closed to atmosphere)



Components for Process Analyzer Systems

DMT
Pressure, temperature, and flow measurements, all in one device, that revolutionizes the information that can be collected from a sample conditioning system via intrinsically safe CANBUS or MODBUS.

PRESSURE REGULATORS
GO REGULATORS offers a versatile line of single stage, two stage, back pressure and vaporizing regulators in various materials.

ANALYTICAL BALL VALVES (ABV)
For demanding process applications that handle corrosive and hazardous media, the HOKE® ABV series offers extended service life, reduced fugitive emissions, and superior sealing, in a compact body.

1300 SERIES
HOKE® produces the highest quality precision metering valves, enhanced linear flow control within 20 turns. Applications include: gas and vapor analysis, water and air sampling, and chromatography.

Components for Process Analyzer Systems

NEEDLE VALVES

HOKE® manufactures a complete line of precision needle valves suitable for Process Analyzer Systems.

CHECK VALVES & EXCESS FLOW VALVES

HOKE® check valves provide high performance, quick acting, zero leakage and low maintenance to help provide a reliable and safe working environment.
XVH Series Excess Flow Valves act as flow switches that automatically close when a flow spike occurs, preventing uncontrolled release of system fluid.

RELIEF VALVES

R6000 right angle relief valves provides users with the highest accuracy and consistency of cracking and reseat pressures. Narrow pressure ranges (cracking pressures) for each model can be factory pre-set according to customer specifications.

GYROLOK® TWO FERRULE TUBE FITTINGS

GYROLOK®'s controlled ferrule drive prevents overstressing, which causes tubing failure and possible injury. System efficiency is improved by maximizing flow and reducing leakage with GYROLOK®'s secondary butt seal.

Notes

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