

# PRESSURE RELIEF VALVE CONTROL SYSTEMS

**CORTEC manufactures a full line of Pressure Relief Valve Control Systems to complement our Choke Relief Valve products.** These designs, crafted by our experienced team, can be configured to suit a range of end-user preferences. Managed Pressure Drilling, Frac, and mud pump applications, CORTEC has the expertise and ability to provide a PRV control system that meets your requirements.

## HYDRAULIC POWER UNIT

- Electric or Pneumatic primary hydraulic pump
- Electric or Pneumatic secondary hydraulic pump
- Hand pump backup
- Accumulator bottle *(sized to meet project specifications)*
- Single to Quad valve operation available
- Up to 3000 PSI hydraulic operating pressure
- Hydraulic reservoir low-level switch



## CONSOLE FRAME

- Stainless Steel enclosed cabinet or Carbon Steel Open Frame
- Standard and custom sizes available



**CORTEC**

**AMERICAN MADE. SUPERIOR GRADE.**

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

*CORTEC proudly operates two US based manufacturing facilities in Louisiana.*

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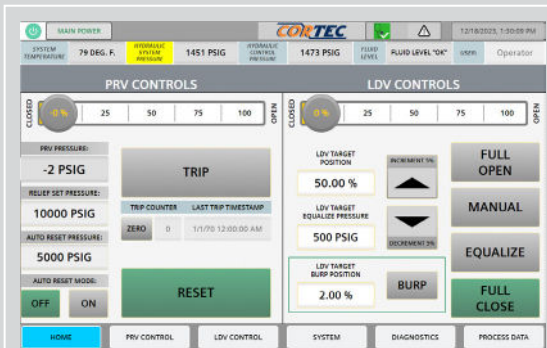
# PRESSURE RELIEF VALVE CONTROL SYSTEMS

## CONTROL INTERFACE

- 12" HMI on local HPU
- Laptop or Tablet for remote interface
- Interface with customer operating system
- Remote monitoring and alerts via internet connection



Pressure Relief Valve and Letdown Valve Hydraulic Control Console



The Main Screen from a Pressure Relief Valve and Letdown Valve Hydraulic Control Console



The Control Screen from a CX-EC 16C Dual Choke Well Control Console with Remote Control



## KEY FEATURES

- Single pressure transducer standard with multiple transducers available at 200 samples per second (*pressure rating matched to relief valve pressure rating*)
- Manual open/close, relief with manual reset, and relief with auto reset valve function standard.
- Typical valve stroke in less than 0.25 seconds
- Data logging, event logging, and alarm
- Real-time valve position monitoring
- User-friendly interface with multiple password security access levels

Our control systems are available to meet the following requirements: **API 16C, CE, ATEX, IEC, Norsok, GOST, etc.** We can also supply control systems with third party design review and or witness testing, **ABS, DNV, Lloyds, Bureau Veritas, etc.**

Contact our expert **Sales Team** today for more info at **225-421-3300** or **sales@uscortec.com**

*No other manufacturer strives to exceed their customers' needs and expectations more than CORTEC.*



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