

MODEL 763



DATASMART™

TAKE FULL CONTROL OF YOUR GAS USAGE

The HARRIS Model 763B DataSmart is a fully-automatic, electronically controlled gas switchover system that can provide continuous supply of gas from a variety of sources including high pressure cylinders, liquid cylinders or bulk gas containers. DataSmart includes a built-in WiFi-based telemetry system that allows the user to view and manage all aspects of the gas system. It is ideal for both industrial and high purity gases used in a variety of applications. The on-board software ensures optimal gas use and savings especially from liquid cylinders and can greatly reduce or eliminate venting and residual gas return.

TYPICAL APPLICATIONS

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|---------------------------|--------------------|
| Analytical Laboratory | Chemical Processes |
| Calibration Gases | Laser Assist Gases |
| Welding/Metal Fabrication | Manufacturing |
| Research | Pharma |
| Food Processing | |



Annual subscription service for telemetry can be ordered using P/N 9504630.

FEATURES

- + LCD Touchscreen control
- + Built-in, Wifi-based telemetry system and data acquisition via a remote server (connection to a Wifi network required)
- + Customized alerts and notifications via email and SMS
- + Check Back Feature for liquid dewars
- + Economizer for reserve side liquid dewars
- + Secure login to protect settings
- + Optional mass flow meter to measure current gas usage or usage over time
- + 500 scfh heater for CO2 and N2O or mixtures
- + Optional Remote A/V Alarm
- + Modular, expandable header system for multiple cylinders
- + Designed for high purity or industrial grade gases
- + Brass and SS models available

SPECIFICATIONS

- + Max inlet pressure up to 4500 psi
- + Outlet pressures up to 450 psi
- + Output flows up to 3000 scfh (air)
- + Programmable switchover pressure for both right and left side from 70 to 1500 psig
- + Class 1, Division 2 NEMA enclosures
- + Filter - 10 Micron
- + Electrical Requirement 120VAC 50/60Hz
- + Inlet ports 1/2" NPT
- + Outlet Port 1/2" NPT
- + Temperature range 0 F to +140 F
- + Weight 68 lbs

MATERIALS

- + Regulator body brass or 316L SS
- + Diaphragms 300 series SS
- + Regulator Seats - PCTFE
- + Seals - PTFE
- + Valve seat - PTFE
- + Valve stem - SS
- + Enclosures NEMA 4x powder coated steel



A LINCOLN ELECTRIC COMPANY

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A Lincoln Electric Company
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**Contact Harris Specialty Gas
for pricing and custom configurations
1.800.733.4043 Option 2**

