

MODEL 764

TAKE FULL CONTROL OF YOUR GAS USAGE



DATASMART™

FOR HEALTHCARE FACILITIES

The HARRIS Model 764 DataSmart™ is a fully-automatic, electronically controlled gas switchover system that meets the requirements of NFPA-99. The DataSmart™ 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 that allows the user to view and manage all aspects of the gas system. It is ideal for healthcare facilities. 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

Hospitals	Extended care facilities
Surgery centers	Nursing homes
Clinics	Hyperbaric chambers

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
- + Dual line regulators for high pressure cylinders
- + 500 scfh heater for CO₂ and N₂O or mixtures
- + Optional Remote A/V Alarm
- + Modular, expandable header system for multiple cylinders
- + Dry contacts for master alarm and nurses stations

SPECIFICATIONS

- + Max inlet pressure up to 3000 psi
- + Output flows up to 1200 scfh (O₂, N₂O, CO₂ 2000 SCFH [N₂/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

- + Brass construction
- + Diaphragms 300 series SS
- + Regulator Seats - PCTFE
- + Seals - PTFE
- + Valve seat - PTFE
- + Valve stem - SS
- + Enclosures NEMA 4x powder coated steel
- + Copper pigtails for oxygen service



A LINCOLN ELECTRIC COMPANY

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