MXS Centrifugal Compressor Controller

Optimize Your Centrifugal Compressor Performance

The MXS Controller, part of the MAESTRO family, delivers next-generation control for centrifugal compressors. Built for demanding industrial environments, it combines intuitive operation, robust connectivity, and advanced logic to maximize uptime and efficiency.

Why Upgrade to the MXS Controller?

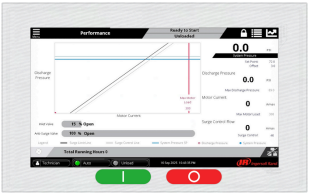
Integrated Sequencing & Legacy Control
Coordinates multiple compressors for optimal load sharing and energy savings.

Legacy Compatibility
Seamlessly replaces Universal and Xe145F controllers for easy retrofit.

Predictive Maintenance
Historical data logging and alarm history help prevent costly failures.

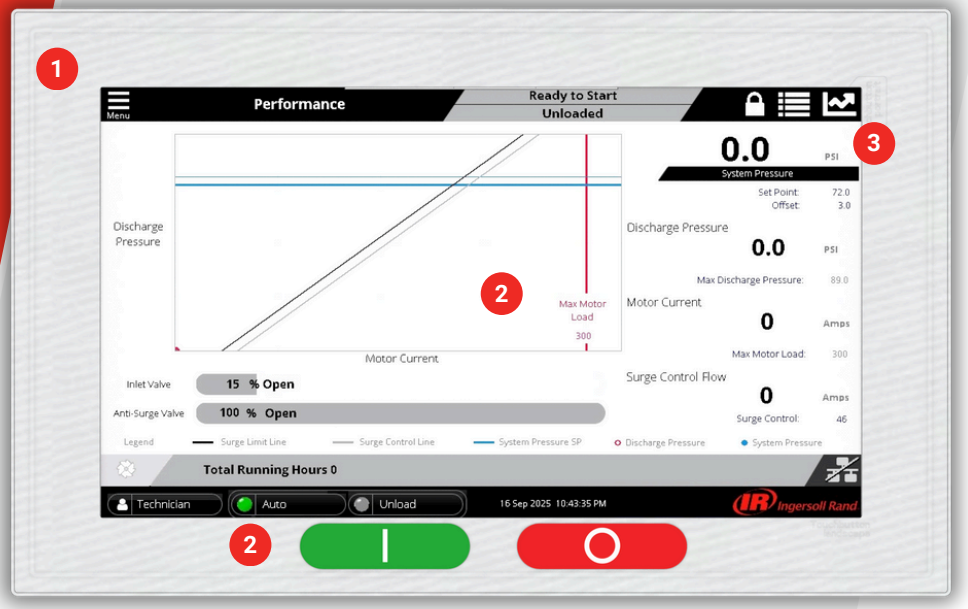
Future-Ready Architecture
Embedded web server and IoT connectivity prepare your system for Industry 4.0.

Available for New Machines and Retrofit
Upgrade older centrifugal compressors to the MXS Controller for enhanced reliability and connectivity.





Home Page



1. 10.1” 16:9 Industrial Touchscreen Display
2. Real-Time Performance Graph: Visualize discharge pressure and motor load instantly for proactive adjustments.
3. IoT cloud access: Factory-standard connectivity enables remote monitoring and predictive maintenance through your customer portal.
4. Start/Stop Control

Connectivity & Communication

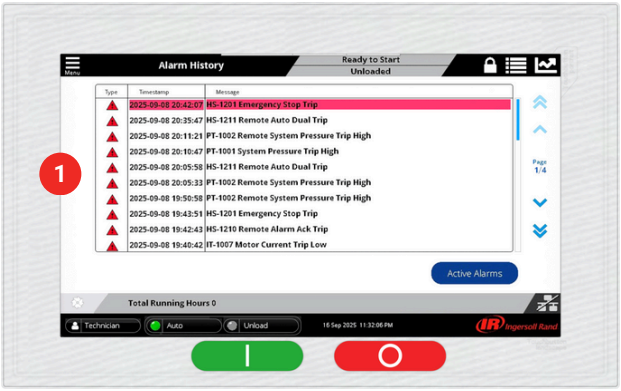
- Ethernet, USB, RS485
- MODBUS TCP/IP & RTU
- Embedded web server for remote access

IoT & Monitoring

- Factory-standard cloud access
- USB service tool connection
- Historical data logging

Advanced Control Logic

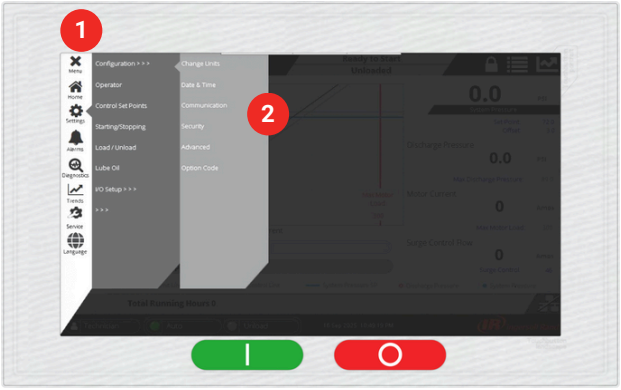
- Integrated Sequence Control
- Integrated Legacy Sequencing
- Trip protection with voting logic



Alarm History

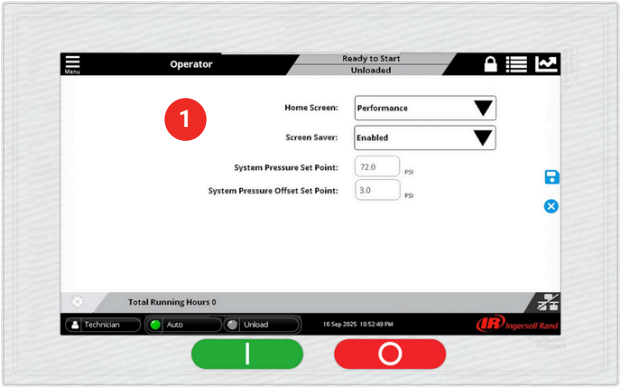
Track and resolve issues quickly

1. History insights for performance improvements and energy efficiency available through additional services



Menu Page

1. Navigation options
2. Parameter list



Advanced Settings

1. Advanced menu options to optimize performance

Ready to update the technology on your machine and get greater control?

CONTACT US TODAY.

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