



Series 2100 Blower Local Control Panel



The HSI 2100 is a PLC based control panel that is operated by a 6" Color Touch Screen Display. The PLC contains a built-in EEPROM, thus no battery is necessary. The 2100 is capable of alarming and shutting down due to:

- Blower Surge
- Motor Overload
- Blower Bearing Vibration
- Blower Bearing Temperature
- Motor Bearing Vibration
- Motor Bearing Temperature
- Motor Winding Temperature
- Discharge Pressure
- Flow

Additional Capabilities include:

- Automated Inlet Valve Actuation
- Variable Frequency Drive Control
- Remote Alarm & Status
- Alarm Log

Control Functions can be driven by:

- Calibrated Amps
- Dissolved Oxygen Sensors
- Flow Meters
- Pressure Sensors
- Vibration Sensors

Technical Data

Enclosure	Carbon Steel (NEMA 4) or Stainless Steel (NEMA 4X)
Panel Display	6" Color Touch screen Interface, graphic display
Power	120VAC or optional 220VAC
PLC	CPU Memory 14.8K words, Ladder memory 7680 Flash, Local I/O 256 points, Remote I/O 2048 points, RLL ladder logic
Inputs	120VAC digital inputs or optional 24VDC, Analog 4-20 milliamp
Outputs	Analog 4-20 milliamp, 120VAC Relay Contacts rated 2A
Communications	Profibus & Modbus Master/Slave
Weight	Approx. 75 LBS. (34 KG)

Accessories Available

Current Transducer	RTD and Temperature Transmitter Combo
Vibration Transmitter	Analog Output Card (2 channel)
RTD Transmitter	Plastic Hinged Window Cover

