

# specifications

The Amico Information Management System (AIMS) shall be Amico Alert-2 series. Complete with a five-year warranty.

The AIMS Universal Board shall be a microprocessor based medical device. It shall display the topology and a clone image of the device when connected to a centrally located P.C. The AIMS Universal Board works in conjunction with the Aims System.

The AIMS Universal Board will support a Vacuum Pump, providing that the system has a dry contact which is dedicated to each starter relay motor. Each motor must also have a dedicated high temperature dry contact signal. An additional Amico Vacuum sensor would need to be installed in the supply line. See chart for connection details.

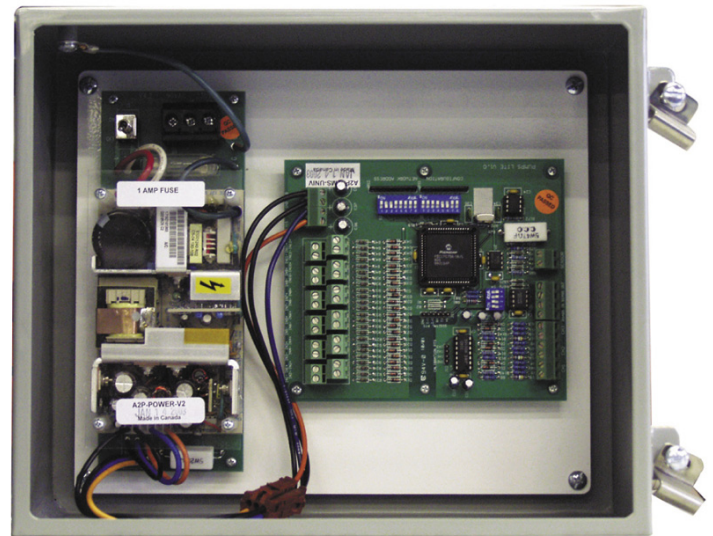
The AIMS Universal Board will support an Air Compressor, providing that the Air Compressor has a dry contact which is dedicated to each starter relay motor. Each motor must also have a dedicated high temperature dry contact signal. Dew point and CO high can either be a dry contact or a 4-20mA signal. An additional Amico High Medical Air sensor would need to be installed in the supply line. See chart for connection details.

The AIMS Universal Board will support a Bulk Tank, providing the following conditions are met: Main Bulk Tank Liquid Level has a (4-20 mA) signal, Reserve Liquid Level Tank has a (4-20 mA) signal, A Dry contact signal from the Main Tank when in use, A Dry contact signal from Reserve Tank when in use and an Optional (4-20 mA) for flow from a Flow Meter.

The AIMS system consists of one Network Interface Card in each device, one computer with Windows with a Gateway module and the AIMS software. The PC shall be accessible to the internet either directly or via the hospitals LAN network. The above items are not supplied with the AIMS Universal Board.

The system shall accommodate up to 249 Amico medical devices and connect each device in series with a two wire, twisted pair cable (up to 5,000 ft).

Input power to the Amico AIMS Universal Board is: 115 VAC to 220 VAC, 50 to 60 HZ.



# features

- Microprocessor based polling network
- Standard configuration will support up to 249 Amico medical devices
- Displays clone image of any device supported
- Two wire twisted pair serial connection (up to 5,000 ft.)
- Log file produced for incident reporting
- User selectable scan speeds

project

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Connection required from other manufacture devices to AIMS universal board, a universal board is required for each gas service monitored.

| Input # | Vacuum Pump           | Air Compressor              | Bulk Tank                    |
|---------|-----------------------|-----------------------------|------------------------------|
| IN 1    | Vacuum Pump # 1       | Air Compressor # 1          | Main Tank in Use             |
| IN 2    | Vacuum Pump # 2       | Air Compressor # 2          | Reserve Tank in Use          |
| IN 3    | Vacuum Pump # 3       | Air Compressor # 3          |                              |
| IN 4    | Vacuum Pump # 4       | Air Compressor # 4          |                              |
| IN 5    | Reserve In Use        | Reserve In Use              |                              |
| IN 6    | Temp. Malfunction # 1 | Temp. Malfunction # 1       |                              |
| IN 7    | Temp. Malfunction # 2 | Temp. Malfunction # 2       |                              |
| IN 8    | Temp. Malfunction # 3 | Temp. Malfunction # 3       |                              |
| IN 9    | Temp. Malfunction # 4 | Temp. Malfunction # 4       |                              |
| IN 10   | Change Filter         | Change Filter               |                              |
| IN 11   |                       | Dew Point High              |                              |
| IN 12   |                       | CO High                     |                              |
|         |                       |                             |                              |
| CH1     |                       | Dew Point Monitor (4-20 mA) | Main Tank Leve (4-20 mA)     |
| CH 2    |                       | CO2 Monitor (4-20 mA)       | Reserve Tank Level (4-20 mA) |
| CH 3    |                       |                             | Flow (4-20 mA)               |
| Sensor  | Vacuum Sensor         | HP Air Sensor               | Not Used                     |

Please note that IN1-IN12 are dry contact signals in and CH1-CH3 are 4-20mA signals.

## model numbers

Parts for the AIMS System:

- A2P-AIMS-UNIV**    AIMS Universal Board
- A2P-AIMS-NETW**    AIMS Software and Computer Card
- A2P-AIMS-PC17**    Optional Personal computer with a 17" monitor

represented by: