

# CONTROLLER CRYOBOSS



The Genesis CryoBoss Network Manager offers a cost-effective solution to your networking needs. Whether utilized as a top-level network controller or a host interface, the CryoBoss can accommodate up to 20 pumps, organized in up to five groups. For added value, the CryoBoss keeps a list of active pumps on the network and uses discovery scanning to ensure the list is always valid.

## A Flexible Network Solution

Operating as a network interface, the CryoBoss offers these important capabilities:

- manages host commands through RS-232
- controls roughing arbitration of pumps sharing a common roughing manifold
- manages simultaneous regenerations when a group regeneration command is received

In addition to roughing arbitration, the CryoBoss can initiate and control simultaneous regenerations in full, quick, or a combination of modes when utilized as a top-level network controller.

The CryoBoss Network Manager is available in two forms. When added to the Genesis Gen2 Controller, the CryoBoss is a space-saving module with control and monitoring conducted through a handheld terminal. The CryoBoss is also available as a stand-alone, rack-mountable half-rack unit with an optional display and keypad.

The CryoBoss Network Manager utilizes bitbus network protocols and has a high-speed, optically isolated, RS-485 network system capable of communication speeds up to 115 K Baud.

Installing new firmware is greatly simplified with the CryoBoss Network Manager. Similar to the Gen2 Controller, the firmware resides in Flash memory and is easily upgraded by connecting a PC serial port to the CryoBoss Network Manager Service Port. The Flash memory is then updated automatically with the new firmware.

The CryoBoss Network Manager is easy to maintain, and the ability to manage multiple pumps from a single remote source provides the flexibility required in modern production environments.



