

# VirTis Omnitronics™

## Lyophilizer Controller

### Overview

The Omnitronics™ controller is driven by an industrial-grade programmable logic controller (PLC), which provides extreme versatility while remaining intuitively easy to use. The controller allows for custom programming, includes a detailed full-color, touch-screen display and offers flexibility with a vast amount of configurable features.

The controller's main screen (*i.e.*, the System Status screen), displays numeric condenser temperature and vacuum pressure values that change color according to the current range. Testing functionality allows system performance and vacuum integrity to be evaluated. Data trending shows and records vacuum range, condenser temperature and ambient temperature through a series of colored lines, along with the unit's current status.

### Key Features

- Alarms alerts received via e-mail.
- Color-changing display based on system status and values.
- Ethernet communications.
- Historical data trending.
- Integrated performance and vacuum integrity testing.
- Manual or automatic control.
- Micro-SD card storage.
- Printing via Ethernet.
- Remote access via Remote Operator and SD Card Suite software.
- Request for service e-mails containing controller information.
- Screen saver that displays system status.
- Touch-screen navigation.



Omnitronics™ Touch-Screen Controller



Remote Operator Software

The above illustrates a real-time view of the Omnitronics™ controller via Remote Operator software.