

THERMO SCIENTIFIC DESKTOP OPERATOR STATION

PRODUCT OSD00-00

The Desktop Operator Station provides full operator visibility to all real time functions. This desktop package is a cost saving option for use in office-condition environments.

The Desktop Operator Station utilizes a touchscreen display, resulting in an interface, which is simple and intuitive. Operators perform tasks, such as accessing displays or acknowledging alarms, by touching the screen or using a mouse.

The Desktop Operator Station incorporates a Pentium Workstation to support operator, display, and supervisory control functions. This workstation based design combines high-resolution graphics and powerful processing in order to provide maximum visibility and performance.

The Desktop Operator Station application software is based on Wonderware®, the world's most advanced HMI software, guaranteeing against obsolescence.

FEATURES AND BENEFITS

- Industry standard PC Workstation provides high speed processing and high resolution graphics for display and supervisory functions
- Desktop operator console designed for lab or office-type environment
- 17-inch color LCD monitor provides high resolution display capability
- Touchscreen design offers simple and intuitive interface, while increasing reliability by eliminating keypads
- Wonderware-based design reduces the risk of obsolescence facing proprietary solutions
- Windows® based operating system provides compatibility with all standard PC software packages.



DESCRIPTION

The Desktop Operator Station provides full access to all real time functions for a single line. Typical uses for the Desktop Operator Station include viewing product profiles, loading recipes, responding to alarms, and monitoring process values.

The Desktop Operator Station incorporates a high-resolution 17-inch color touchscreen, which allows the operator to select data points and menu items by simply touching the screen. This intuitive interface maximizes operator utilization while minimizing training costs.

Powerful Processing

The Desktop Operator Station utilizes a powerful Windows™ workstation running Wonderware to support display and supervisory functions. This Wonderware-based design utilizes industry-standard components to support graphics, processing, and communications. This approach reduces the risk of obsolescence, since upgrades and innovations are commercially available.

The Desktop Operator Station acts as a supervisory computer for distributed Thermo Electron and third party control modules. The hard disk drive can accommodate configuration and recipe data for the entire process control network.

The Desktop Operator Station PC communicates to other modules by means of an Ethernet network. This Local Area Network (LAN) allows the system to communicate with sufficient bandwidth to support the most demanding application requirements.

Reliability and Maintainability

The Desktop Operator Station is designed with reliability and maintainability in mind. The touchscreen improves reliability by eliminating specialized hardware keypads. Furthermore, the use of industry-standard workstation components results in modular support electronics that are easy to repair, replace, or upgrade.

SPECIFICATIONS

Display	17-Inch Color Touchscreen
.....	1024x768 pixel resolution
PC.....	Windows
.....	1ghz or above
Power	115 V ac ± 10% 60 Hz
	230 V ac ± 10%, 50 Hz
	1.1 KVA
Temperature	30 C (86 F)
Humidity.....	0-80% non-condensing