

THERMO SCIENTIFIC CUSTOMER CONSOLE KIT

PRODUCT OSK00-00

The Console Kit for a customer's enclosure provides full access and visibility to all real time functions. The package includes the necessary monitor and workstation components to be mounted in a customer's own enclosure.

The Console Kit utilizes an integrated touchscreen display, resulting in a simple and intuitive system interface. Operators can easily access displays, initiate control, review process status, or acknowledge alarms, by simply touching the screen or using a pointing device, such as a mouse.

A Windows® Workstation supports all 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 Console Kit application software is based on the Wonderware® InTouch™ package, the world's most advanced HMI software, guaranteeing against obsolescence.



*Customer Console Kit
Shown in Customer's Enclosure*

FEATURES AND BENEFITS

- Allows maximum flexibility by packaging the operator's workstation so it can adapt to a customer's console anywhere on the line. *Note: environment must be suitable*
- Large panel mount LCD monitor provides crisp high resolution color displays
- Integrated touchscreen provides an intuitive interface to the process while increasing reliability by eliminating push-buttons or keypads
- Industry standard Windows® Workstation provides reliable high-speed processing and high-resolution graphics.
- Industry standard Windows based operating system provides compatibility with all standard PC software packages and peripherals.
- Wonderware-based software package maximizes flexibility and eliminates the risk of obsolescence facing proprietary software packages.

THERMO SCIENTIFIC CUSTOMER CONSOLE KIT

PRODUCT OSK00-00

DESCRIPTION

The Console Kit provides the essential components required to interface with the System using customer's cabinetry.

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

The Console Kit incorporates a high-resolution panel mount 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 Console Kit 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 Console Kit acts as a supervisory computer for distributed Thermo Fisher Scientific and third party control modules. The hard disk drive can accommodate configuration and recipe data for the entire process control network. The Console Kit's PC communicates to other System 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.

Packaging Requirements

The Console Kit must be installed in a rugged splash and dust resistant enclosure. A non-exchanging air conditioner is recommended so that the console is able to operate reliably under high temperature line-side conditions.

Reliability and Maintainability

The Console Kit 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	Panel mount LCD color monitor with touchscreen (Various size options)
PC.....	PC Windows Workstation Windows 2000 or above
Power.....	115 V AC \pm 10% 60 Hz 230 V ac \pm 10% 50 Hz 1.1 KVA
Temperature	30 C (86 F)
Humidity	0-80% Noncondensing

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