



## 19.0" Hazardous Area Class 1/2 Division 1 Purge System Workstation

This 19" LCD computer workstation is integrated with a Type X purge and pressurization protection system and is suitable for many classified areas such as Class 1 Div 1 Groups B,C, D and Class 2 Div 1 groups E, F and G. Powered by Intel's Pentium Core 2 Duo T4500 2.30 GHz processor and equipped with a 19" SXGA resolution LCD, this workstation is constructed of 316 type stainless steel and designed to protect against many corrosive environments.

The purge system's 2-line 20-character LCD programming screen allows easy setup and operation and lets the user program the system according to the requirements of the application. The screen also displays information such as flow, pressure, and system status. The pressure and flow feedback is provided to the control unit by the vent. The Type X/ Ex px integrated purge system itself conforms to ATEX, NFPA 496 and ISA 12.4, DEMKO, UL cULus, IEC 61508, SIL 2 and is suitable for Suitable for Class I and II, Division 1/ Zone 1 and Zone 21 to non-hazardous area applications.

### FEATURES

- ◆ Class 1/2 Division 1 Fully Integrated NEMA 4X (IP66) Automatic Purged Workstation
- ◆ Type X Automatic purge and pressurization protection system with 2-line 20 Character User Interface LCD
- ◆ Gravity-free flapper and rotatable vent cap with spark arrestor
- ◆ Optically Bonded Tempered Glass Protective Optical Window
- ◆ Powerful T4500 2.30 GHz 800MHz FSB Intel Dual Core
- ◆ 2 GB Memory, 4 GB optional
- ◆ 320 GB Solid State SATA Hard Drive
- ◆ 19" active matrix TFT LCD display, 1280 x 1024 SXGA
- ◆ WINDOWS XP O/S
- ◆ Water proof and dust proof
- ◆ 316 Stainless steel construction

### SPECIFICATIONS

#### 19.0" SXGA (1280x1024) LCD

##### Brightness

300 nits (cd/m<sup>2</sup>)

##### Optically Bonded

Optically Bonded Tempered Glass  
Protective Optical Window

##### CPU

Powerful T4500 2.30 GHz 800MHz FSB  
Intel Dual Core

##### System Memory

2GB DDR2 533 SO-DIMM (4GB optional)

##### Disk Drive

320GB SATA Disk Drive

##### I/O Ports

- FireWire Ports 2 x IEEE 1394a
- 2 RS-232 COM port (Optional RS-422/485 port)
- 2 LAN ports
- 4 USB 2.0
- 2 Audio jacks

##### Operating System

Windows XP O/S

##### VGA

Intel @GME965 GMCH Gen4 integrated graphics engine

##### Keyboard

Integrated with Intrinsically Safe Keyboard

##### Operational Temperatures

-10°C to 55°C (14° to 131°F)

##### Power Input

120-240 VAC 1.5A 50/60 Hz

##### Environmental Design

- Class1 Div1 Groups B, C and D
- Class 1 Div1 Groups E, F and G  
NEMA 4X (IP66)

##### Construction

316 Stainless Steel

##### Bulkhead Mounting

(Other Mounting Options Available)

##### Dimensions

24.5" (W) x 31.19" (H) x 13.54" (D)  
Width is 27.4" when allowing for purge vent on side

### CONTACT

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### Available Options

- Alternate Operating System (Windows 7 or Windows Embedded)
- Larger Capacity Disk Drive
- 4GB Memory
- Pedestal Mounting
- Solid State Drive
- DVD ROM
- Heater for -25 to 55C (-13 to 131F)
- 24 VDC

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