



## PS Series PowerStations

### Match the Right Display Size with the Right Functionality...at the Right Price

CTC has taken its popular PowerStation line and enhanced it with more displays and hardware configuration options. With the new modular PS Series, you can get the hardware and software features you need at the price point you want. These PowerStations offer you more value at a very competitive price - plus you get an open platform to run advanced HMI capabilities such as recipe handling, trending or reporting. The PS Series simply gives you more options than any other operator interface solution.

The PS5 Function Key PowerStation model includes arrows for cursor control and features 40 function keys (20 plus Shift) for operators who prefer traditional function key operation. This flat-panel workstation features Interact's Core Modules (Panel Tools, Panel Alarms, Graphics and Networking Modules), and all drivers. The PS5 can run additional Interact modules; it also supports networking options.

You can literally mix and match displays, expansion capabilities, hardware configurations, and software functionality to get the right workstation for your machine. To build your custom operator interface to get the best possible solution for your application...

#### 1. Choose your display

10"    12"    15"    No Display

#### 2. Choose your expansion needs

PC/104    ISA/PCI

#### 3. Choose your workstation package

- Integrated "PS" PowerStation bundled with CTC's Interact HMI software
- "PC" version workstation with Windows without Interact (See Industrial PC section)
- "RS" Remote System with Interact (or "RC" Remote Computer) that is cable-connected to a separate monitor

### RS "Remote System" PowerStation

A powerful, "RS" version PowerStation offers the performance and features of the PS Series hardware platform without an integrated display. Remote Systems can be mounted in an enclosure and cable-connected to a separate 12" or 15" Industrial Flat Panel Monitor.



**PS Series PowerStation**

	<b>Features</b>	<b>Values</b>
<b>10" Display (PS10 &amp; PS5)</b>	Type Monochrome/Color Resolution Screen Size	Flat Panel Mono LCD; Color TFT VGA (640 x 480) 9.4" (239 mm) Diagonal (Mono LCD) 10.4" (264 mm) Diagonal (Color TFT)
<b>12" Display (PS1)</b>	Type Monochrome/Color Resolution Screen Size	Flat Panel Color TFT SVGA (800 x 600) 12.1" (310 mm) Diagonal
<b>15" Display (PS15)</b>	Type Monochrome/Color Resolution Screen Size	Flat Panel Color TFT XGA (1024 x 768) 15.1" (380 mm) Diagonal
<b>Software</b>	PS/RS Bundled PowerStation	Includes Interact Runtime: PTM, GMM, AMM, NET.
<b>CPU</b>	Pentium	(consult factory for specific processor information)
<b>System Memory</b>	Standard	32 MB (minimum)
<b>Storage Memory</b>	Compact FLASH (Type II connectors)  Floppy Disk Drive Hard Drive CD ROM	16 MB Compact FLASH (minimum), (1 external & 1 internal), (also supports MicroDrive) Optional (external, surface or panel mount) EIDE Interface (consult factory for HD capacity) Optional Super Slim CD ROM
<b>I/O Ports</b>	Serial  Ethernet Parallel Expansion Slots: • PC/104 models • ISA/PCI models  External Video USB	(1) RS232/422/485 (2) RS232 10/100Base-T w/RJ45 connector (1) 25-Pin D-sub connector (supports Bi-directional SSP/SPP/ECP)  3 PC/104 cards are supported 3 slots (2 ISA 1 ISA/PCI Configurable) or (2 PCI 1 ISA/PCI configurable) [Note: 1 PC/104 card is supported in this configuration] (1) Analog 15-Pin D-sub connector (supports simultaneous video mode) (2) USB Ports
<b>User Interface</b>	Function Key Numeric Key Touchscreen* Keyboard Port Mouse	PS5 only: 40 (20 plus shift) PS5 only: yes Analog Resistive (8-wire, 1024 x 1024 resolution) 1 PS/2 Keyboard port 1 PS/2 Mouse port
<b>Package</b>	Designed for Temperature Range Rel. Humidity (non-condensing) Vibration** Shock  Cutout Dimensions: • 10" Display*** • 12" Display • 15" Display	NEMA 4/4X 0-50 C 5-95% 10-500 Hz, 0.5 (RMS Random); [Compact Flash units: 10-500 Hz, 1g (RMS Random)] 10G, 11 msec (operating) 30G, 11 msec (non-operating)  9.86" (250 mm) x 12.60" (320 mm) clip mount 11.25" (286 mm) x 14.14" (359 mm) clip mount 12.40" (315 mm) x 15.9" (404 mm) clip mount
<b>Power Requirements</b>	AC Maximum Power Consumption DC Maximum Power Consumption	90-250 VAC; 50/60 Hz (external supply only) 110 Watts 18-28 VDC 78 Watts
<b>Agency Approval</b>	UL,CUL,CE; Class 1 Division 2	

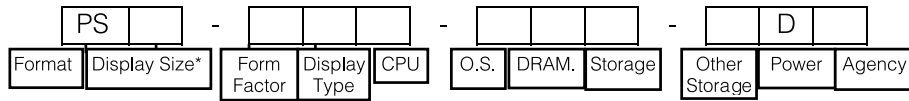
\* Not applicable to RS and RC units.  
 \*\* Does not apply to MicroDrive option.  
 \*\*\* PS5 dimensions not included (consult factory).

**For More Information on HMI & Machine Control Products, Call 1-800-233-3329.**



**Ordering Information**

(See MachineShop section for information about ordering development software.)



\* Does not denote display size for PS5 models

PS Series Common Configurations	
Description	Model #
10" Mono LCD - Pentium - FLASH	PS10-2M2-DD1-AD3
10" Color TFT - Pentium - FLASH	PS10-2T2-DD1-AD3
10" Bright Color TFT - Pentium - FLASH	PS10-2H2-DD1-AD3
12" Color TFT - Pentium - FLASH	PS12-2T2-DD1-AD3
15" Color TFT - Pentium - FLASH	PS15-2T2-DD1-AD3

Function Key Version (PS5) Common Configurations	
Description	Model #
10" Mono LCD - Pentium - FLASH	PS51-2M1-DD1-AD3
10" Color TFT - Pentium -FLASH	PS51-2T1-DD1-AD3
10" Bright Color TFT - Pentium -FLASH	PS51-2H1-DD1-AD3

RS (Remote System Version) Common Configurations	
Description	Model #
No Display (Remote System) - Pentium - FLASH	RS00-202-DD1-AD3

Factory-Installed (or User-Installed) Hardware Accessories	
Description	Model #
Expansion kit: for two PC/104 cards total	COV-2000
Expansion kit: for three PC/104 cards total	COV-3000

