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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.

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

Choose YOUR display:
- 10"
- 12"
- 15"
- No Display

Choose YOUR expansion needs:
- PC/104
- ISA/PCI

Choose YOUR workstation package:
- Integrated “PS” PowerStation bundled with CTC’s Interact HMI software
- “PC” version industrial workstation with Windows (without Interact)
- “RS” Remote System with Interact (or “RC” Remote Computer) that is cable-connected to a separate monitor
Display Specifications

<table>
<thead>
<tr>
<th>Display Size</th>
<th>Type</th>
<th>Mono/Color</th>
<th>Resolution</th>
<th>Screen Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&quot;</td>
<td>Flat Panel</td>
<td>Mono STN; Color TFT</td>
<td>VGA (640 x 480)</td>
<td>9.4&quot; (239 mm) Diagonal (Mono STN)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10.4&quot; (264 mm) Diagonal (Color TFT)</td>
</tr>
<tr>
<td>12&quot;</td>
<td>Flat Panel</td>
<td>Color TFT</td>
<td>SVGA (800 x 600)</td>
<td>12.1&quot; (308 mm) Diagonal</td>
</tr>
<tr>
<td>15&quot;</td>
<td>Flat Panel</td>
<td>Color TFT</td>
<td>XGA (1024 x 768)</td>
<td>15.1&quot; (384 mm) Diagonal</td>
</tr>
</tbody>
</table>

Computer and Software Specifications

**Software**
- PS/RS bundled PowerStation
  - Includes Interact Runtime: PTM, GMM, AMM, NET. Additional modules and MachineLogic PC-based Control Software optional.
- PC/RC Industrial PCs
  - Includes Windows 98/2000/NT/Embedded NT

**CPU**
- Pentium MMX 266 MHz

**System Memory**
- 32 MB standard (256 MB maximum)

**Storage Memory**
- Compact FLASH (Type II connectors): 16 MB Compact FLASH (512 MB max), (1 external & 1 internal), (also supports MicroDrive)
- Floppy Disk Drive: Optional (external, surface or panel mount)
- Hard Drive: 10 GB (2.1 GB formatted) IDE Interface (exact sizes vary – consult factory)
- CD ROM: Optional 24x Super Slim CD ROM
- Video Memory: 2 MB High Speed SDRAM

**I/O Ports**
- Serial: (1) RS232/422/485 (2) RS232
- Ethernet: 10/100 Base-T w/ RJ45 connector
- Parallel: (1) 25-Pin D-sub connector (supports Bi-directional SSP/SPP/ECP)
- Expansion Slots:
  - PC/104 models: 3 PC/104 cards are supported
  - ISA/PCI models: 3 slots (2 ISA, 1 ISA/PCI Configurable) or (2 PCI, 1 ISA/PCI Configurable)
- External Video
  - USB: (1) Analog 15-Pin D-sub connector (supports simultaneous video mode)
  - (2) USB ports

**User Interface**
- Function Key: Pop-Up On Screen (PS5 includes 40 function key pad)
- Numeric Entry: Pop-Up On Screen
- Touchscreen: Analog Resistive (8-wire, 1024 x 1024 resolution)*
- Keyboard/Mouse Port: 1 PS/2 Mouse port & 1 PS/2 Keyboard port

**Environmental**
- Agency Tested For: NEMA 4/4x
- Temperature Range: 0-50°C
- Agency Approvals: UL, CUL, CE
- Class I Division 2

**Power Requirements**
- AC: Max. Power Consumption: 90-250 VAC; 50/60 Hz; ~110 Watts max (external power supply only)
- DC: Max. Power Consumption: 18-28 VDC -- 78 Watts max

**Cutout Dimensions**
- 10" Display: 9.86" (250 mm) x 12.60" (320 mm) clip mount
- 12" Display: 11.25" (286 mm) x 14.14" (359 mm) clip mount
- 15" Display: 12.40" (315 mm) x 15.9" (404 mm) clip mount

* Not applicable to RS and RC units

For more information on the PS Series, visit us at ctcusa.com/PS.
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