

# PowerStation

## The Scalable, PC-Based Control Workstation Family

### Removable Compact FLASH

All CTC PowerStations come equipped with many helpful features such as removable Compact FLASH for software storage. This non-volatile solid state technology offers significantly higher reliability than conventional hard drive systems while simplifying development and maintenance support.

It's as quick as 1-2-3...

1. Create your changes on a PC, copy to flash cartridge and send to customer. Compact flash cartridge fits into standard PCMCIA adapter.

SEND FLASH CARTRIDGE OVERNIGHT TO CUSTOMER



2. Insert cartridge

3. POWER UP!

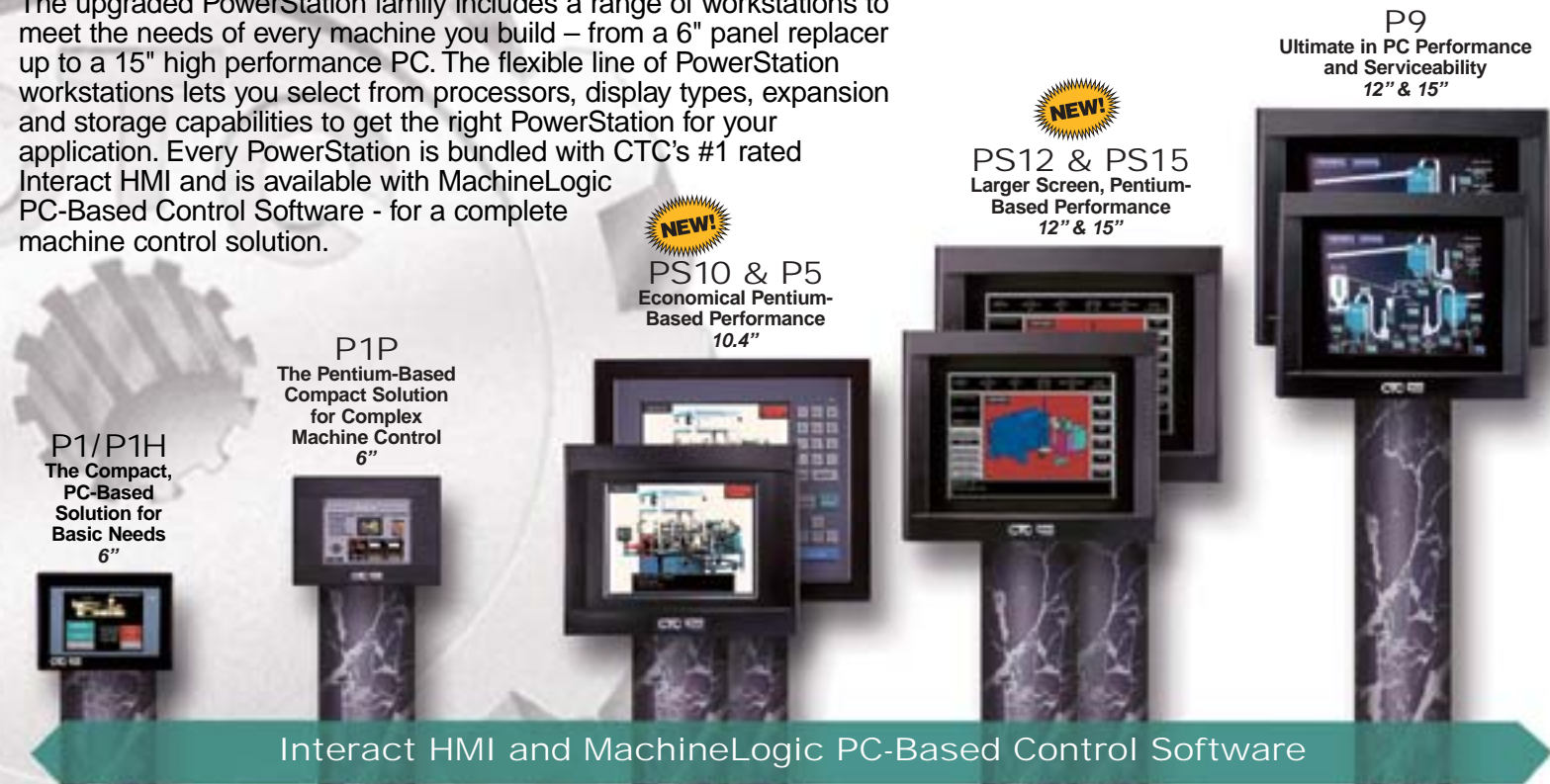
### Built-in Ethernet Communications

PowerStations come standard with built-in 10/100 Base-T\* Ethernet port so that you can take full advantage of Ethernet communications on the factory floor. Interact HMI software includes Ethernet drivers for Modbus TCP/IP, A-B PLCs, Compumotor 6K motion controllers and more, with OPC server applications for exchanging data with Windows systems.

\* P1 units include 10 Base-T Ethernet port

## A Bundled Solution For Every Machine You Build

The upgraded PowerStation family includes a range of workstations to meet the needs of every machine you build – from a 6" panel replacer up to a 15" high performance PC. The flexible line of PowerStation workstations lets you select from processors, display types, expansion and storage capabilities to get the right PowerStation for your application. Every PowerStation is bundled with CTC's #1 rated Interact HMI and is available with MachineLogic PC-Based Control Software - for a complete machine control solution.



Display Size	6"	6"	10.4"	12" & 15"	12" & 15"	
	P1/P1H	P1P	PS10/P5 (PC10/PC5)	PS12 (PC12)	PS15 (PC15)	P9 (PC9)
<b>MODEL</b>	P1/P1H	P1P	PS10/P5 (PC10/PC5)	PS12 (PC12)	PS15 (PC15)	P9 (PC9)
<b>Flat Panel Display</b>	1/4 VGA (5.7")	5.7"	VGA (10.4")	SVGA (12.1")	XGA (15.1")	12" SVGA or 15" XGA
<b>Monochrome</b>	LCD	N/A	LCD (9.4")	N/A	N/A	N/A
<b>Color</b>	STN	1/4 VGA STN, VGA TFT	TFT	TFT	TFT	TFT
<b>CPU's</b>	80386 SX/40	Pent/166	Pent/266	Pent/266	Pent/266	Celeron/566; Pent III/850
<b>System Mem. (max)</b>	16MB	64MB	256MB	256MB	256MB	512MB
<b>Storage Memory</b>						
<b>Compact FLASH (max)</b>	128MB	128MB	128MB	128MB	128MB	128MB
<b>Hard Drive</b>	N/A	N/A	Up to 20GB	Up to 20GB	Up to 20GB	Up to 6.4GB
<b>Floppy Drive</b>	N/A	N/A	1.44 MB (rear and panel mount)	1.44 MB (rear and panel mount)	1.44 MB (rear and panel mount)	1.44 MB
<b>CD-ROM</b>	N/A	N/A	Yes	Yes	Yes	Yes
<b>I/O Ports</b>						
<b>Serial</b>	(1) RS232/422/485; (1) RS232	(1) RS232/422/485; (1) RS232	(1) RS232/422/485; (2) RS232	(1) RS232/422/485; (2) RS232	(1) RS232/422/485; (2) RS232	(1) RS232/422/485; (3) RS232
<b>Parallel</b>	IBM Enhanced/25 Pin D-sub	IBM Enhanced/25 Pin D-sub	IBM Enhanced/25 Pin D-sub	IBM Enhanced/25 Pin D-sub	IBM Enhanced/25 Pin D-sub	IBM Enhanced/25 Pin D-sub
<b>Expansion slots</b>	PC/104	PC/104	PC/104, ISA & PCI	PC/104, ISA & PCI	PC/104, ISA & PCI	ISA/PCI or ISA Only
<b>Ethernet</b>	10Base-T	10/100Base-T	10/100Base-T	10/100Base-T	10/100 Base-T	10/100 Base-T
<b>User Interface</b>						
<b>Function Key</b>	On Screen	On Screen	On Screen, 40 (20 + Shift) Keys on P5	On Screen	On Screen	On Screen
<b>Touchscreen</b>	Resistive	Resistive	Resistive	Resistive	Resistive	Resistive
<b>Keyboard/Mouse</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Power</b>						
<b>AC</b>	External AC Adapter opt.	External AC Adapter opt.	External AC Adapter opt.	External AC Adapter opt.	External AC Adapter opt.	90-260 VAC (120W)
<b>DC</b>	18-30 VDC (25W)	18-28 VDC (25W)	18-28 VDC (78W)	18-28 VDC (78W)	18-28 VDC (78W)	N/A
<b>Size (H x W x L)</b>	7.7" x 5.6" x 3.2" 194.7 x 142.7 x 81 (mm)	8.7" x 6.3" x 3.25" 221 x 160 x 82.5 (mm)	PC/104: 11.02" x 13.78" x 4.29" 280 x 350 x 109 (mm) ISA/PCI: 11.02" x 13.78" x 6.97" 280 x 350 x 177 (mm) (PS10 shown above. Consult factory for P5 dimensions)	PC/104: 12.11" x 15.06" x 5.64" 307 x 382 x 143 (mm) ISA/PCI: 12.11" x 15.06" x 8.32" 307 x 382 x 211 (mm)	PC/104: 13.31" x 16.81" x 6.16" 338 x 427 x 156 (mm) ISA/PCI: 13.31" x 16.81" x 8.57" 338 x 427 x 218 (mm)	12.1" x 15.1" x 10.0" 308 x 383 x 254 (mm) 13.3" x 16.8" x 10.0" 338 x 427 x 254 (mm)
<b>Environmental</b>						
<b>Designed for</b>	NEMA 4, 4X	NEMA 4, 4X	NEMA 4, 4X	NEMA 4, 4X	NEMA 4, 4X	NEMA 4, 4X
<b>Agency Approvals</b>	CE, UL/CUL	CE, UL/CUL	CE, UL/CUL	CE, UL/CUL	CE, UL/CUL	CE, UL/CUL
<b>Class I Division 2</b>	DC units only	DC units only	Yes	Yes	Yes	Yes
<b>Temp Range* (°C)</b>	0-45	0-45	0-50	0-50	0-50	0-50

NOTE: Certain features shown above are configurable. Consult factory for details.