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Find the *Parker / CTC PC/104* at our website: ***Click HERE***



P1P PowerStation

It's a perfect fit for applications that need high speed and high functionality in a compact hardware package!

The 6" P1P is a Pentium-based HMI workstation with advanced features, yet is small enough to fit almost any machine. It also sports an all-new look...with its sleek bezel design and graphical displays, bringing a modern, high tech look to any machine. The P1P not only offers a 6" STN display, but also provides a full VGA TFT option, which can run all of CTC's Interact software modules. This also means that the P1P can run applications developed for larger PowerStation workstations - on a smaller, more compact unit.

The P1P comes bundled with CTC's core Interact HMI software modules (panel tools, graphics, alarming and networking) and is a perfect companion to CTC's MachineLogic PC-based control software. All of this allows you to integrate HMI and machine control in a small, yet powerful, package.

Typically, smaller HMI workstations have slower processors, but the P1P delivers much higher speed with its Pentium processor. The P1P is an open architecture unit that offers expansion capabilities — it comes standard with a solid-state 16 MB Compact FLASH memory cartridge that is expandable to 128 MB. The removable Compact FLASH allows users to make changes to applications by simply dropping in an updated cartridge.

Ordering Information

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

P	1	2	-				D	R	-	
Family	Pentium		Display	DRAM	Storage	Power		Interact		Agency

P1P Common Configurations	
Description	**Model #**
Color STN (1/4 VGA) Pentium - FLASH	P12-334DR-3
Color TFT (Full VGA) Pentium - FLASH	P12-434DR-3

Factory-Installed (or User-Installed) Hardware Accessories	
Description	**Model #**
PC/104 Installation Kit for a single PC/104 card	P11-PC104
PC/104 Installation Kit for two PC/104 cards	P12-PC104
PC/104 Installation Kit for three PC/104 cards	P13-PC104
Allen-Bradley 1771 Remote I/O Card and Driver	ABR-3205-A

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P1P PowerStation

	Features	Values
Software		MachineShop with Interact Runtime PTM, AMM, GMM, NET
Display	Type	Flat Panel
	Backlight	Cold Cathode Fluorescent Tube
	Monochrome/Color	Color - LCD, TFT
	Resolution	STN: 1/4 VGA (320 x 240)
		TFT: VGA (640 x 480)
	Size	5.7" (145 mm) Diagonal (LCD)
		6.4" (163 mm) Diagonal (TFT)
CPU	Pentium	(consult factory for specific processor information)
System Memory	Standard	32 MB (minimum)
Storage Memory	Compact FLASH	16 MB compact FLASH (minimum)
		(Field replaceable FLASH Disk)
	Floppy Disk Drive	N/A
	Hard Drive	N/A
I/O Ports	Serial	(1) RS232/422/485
		(1) RS232
	Ethernet	10/100 Base-T with RJ45 connector
	Parallel	IBM Enhanced
	Expansion Slots	PC/104 (16 bit)
	External Video	N/A
User Interface	Function Key	On Screen
	Numeric Key	On Screen
	Touchscreen	Analog Resistive
	Select Key	N/A
	Cancel Key	N/A
	Keyboard Port	IBM AT with Y-cable
	Mouse	PS/2 with Y-cable
Package	Designed for	NEMA 4, 4X
	Temperature Range	0-45 C
	Rel. Humidity (non-condensing)	5-95%
	Vibration	10-150 Hz, 1G (Sin)
		10-500 Hz 1.5G (RMS Random)
	Shock	10G, 11 msec (operating)
		30G, 11 msec (non-operating)
	Weight	3.26 lbs. (1.48 Kg)
	Overall Size (HxWxD)	8.7" x 6.3" x 3.25"
		(221 mm x 160 mm x 82.5 mm)
Power Requirements	AC	90-260 VAC; 50/60 Hz; (Ext. Opt.)
	Maximum Power Consumption	50 Watts max.
	DC	18-28 VDC
	Maximum Power Consumption	25 Watts
Agency Approval	CE; UL/CUL	Class I Division 2 (DC units only)

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