

Parts Grade / As-Is

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## P1P PowerStation

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

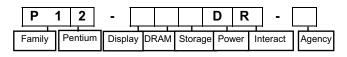
The 6" P1P is a Pentium-based HMI workstation with advanced features, yet is small enough to fit almost any machine. It also sports an all-new look...with its sleek bezel design and graphical displays, bringing a modern, high tech look to any machine. The P1P not only offers a 6" STN display, but also 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 PCbased 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.)



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	



	Features	Values
oftware		MachineShop with Interact Runtime PTM, AMM, GMM, NET
splay	Туре	Flat Panel
	Backlight	Cold Cathode Fluorescent Tube
	Monochrome/Color	Color - LCD, TFT
	Resolution	STN: 1/4 VGA (320 x 240)
	recolution	TFT: VGA (640 x 480)
	Size	5.7" (145 mm) Diagonal (LCD)
	0120	6.4" (163 mm) Diagonal (TFT)
		0.4 (103 mm) Diagonal (11 1)
PU	Pentium	(consult factory for specific processor information)
ystem 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
ser Interface	Function Key	On Screen
sei iiiteilace	Numeric Key	On Screen
	Touchscreen	Analog Resistive
		N/A
	Select Key	N/A
	Cancel Key	
	Keyboard Port	IBM AT with Y-cable
	Mouse	PS/2 with Y-cable
ackage	Designed for	NEMA 4, 4X
	Temperature Range	0-45 C
	Rel. Humidity (non-condensing)	5-95%
	Vibration	10-150 Hz, 1G (Sin)
	Visialion	10-500 Hz 1.5G (RMS Random)
	Shock	10G, 11 msec (operating)
	Short	30G, 11 msec (operating)
	Weight	3.26 lbs. (1.48 Kg)
	Overall Size (HxWxD)	8.7" x 6.3" x 3.25"
	Overall Size (FIXVVXD)	(221 mm x 160 mm x 82.5 mm)
		(221 11111 × 100 11111 × 02.5 11111)
	AC	90-260 VAC; 50/60 Hz; (Ext. Opt.)
ower Requ <u>irements</u>		
ower Requirements	Maximum Power Consumption	50 Watts max.
ower Requirements	Maximum Power Consumption DC	18-28 VDC
wer Requirements		
wer Requirements	DC	18-28 VDC
wer Requirements ency Approval	DC	18-28 VDC

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





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