

Integrated Workstations



PC based control and display



CoDeSys® software



PC card to match bus system

- Compact PC based control
- Pentium PC processor
- High brightness, anti-glare, flat panel touch screen display
- External CD and 3.5" floppy drive
- Ethernet card (selected models)
- CoDeSys® PC control software
- Selectable PC cards to match your bus system
- High speed serial ports and bi-directional parallel port

Operation

Select our integrated workstations for a variety of PC based graphical operator interfaces. Systems are offered in bench and panel mount configurations with full touch screen displays and feature complete open access for expansion and service.

The PC features a compact 3 slot chassis, external CD and floppy drives, and a shock mounted hard drive for reliable industrial operation. The touch screen is rated IP 65, NEMA 4X, and NEMA 12X.

The software package, designated "CoDeSys®", offers a full implementation of the IEC 1131-3 standard. CoDeSys program methods include instruction list, ladder logic, structured text, functional block diagram, and sequential flow chart. The run-time software, the develop package, and the man machine graphic software are included. In addition, CoDeSys offers a built-in graphic package, animated graphics, and a built-in DDE server and OPC for interface with other software.

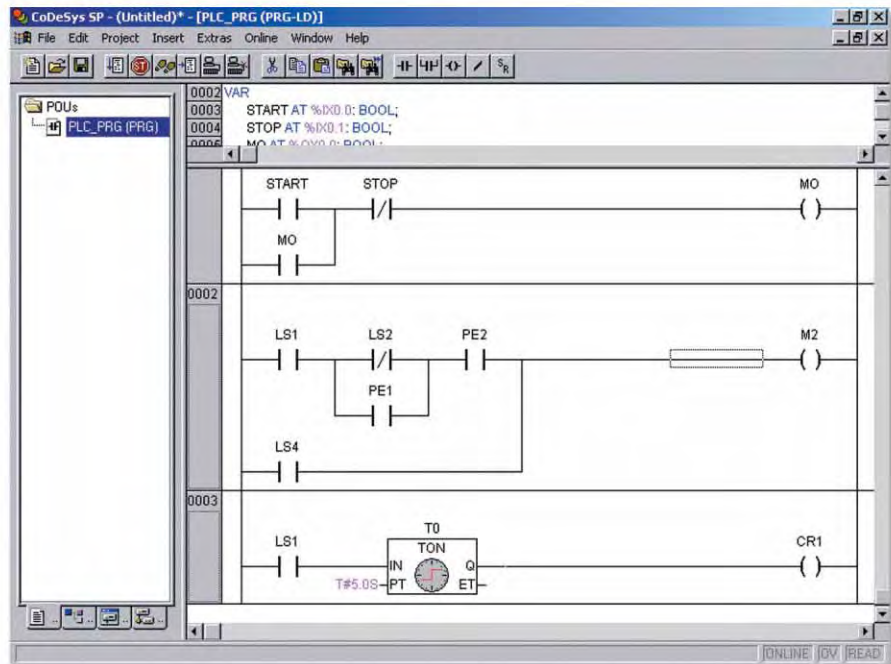
To avoid limiting system I/O, the CoDeSys software does not have "tag limits." CoDeSys features extensive libraries that include many standard and special purpose modules. Contact Entrelec for further details.

Integrated Workstation (standard model)

	P/N
Pentium PC with 12" color touch screen	0360 004 45
External CD drive	0360 004 47
External 3.5" floppy drive	0360 004 46
Ethernet card	0360 004 48
CoDeSys® PC control software	2 423 407 01
PC card (bus system compatible)	Contact Entrelec
Configuration software	2 423 408 50

Contact Entrelec for part numbers of other models. See data sheet on next page.

Programming Screen Sample



Integrated Workstations

Specifications

		IC10HI3	IC10HI6	IC12HI3	IC12HI6	IC12FI6	IC12FN6	IC15FN6
Display	Display Size	10.4"			12.1"			15.1"
	Resolution	VGA 640 x 480			SVGA 800 x 600			XGA 1024 x 768
	Dot Pitch	.33 dpi			.30 dpi			.29 dpi
	Brightness	350 nits ¹			250 nits			200 nits
	Lamp Life Time	40,000 hrs			50,000 hrs			50,000 hrs
	Type	Flat Panel TFT LCD						
	Maximum Colors	262,144						
Touch Screen	Five Wire Resistive							
Passive Backplane	3 ISA	6 ISA	3 ISA	6 ISA	6 ISA	2 ISA / 3 PCI / 1 PICMG	2 ISA / 3 PCI / 1 PIC MG	
CPU Available	Contact Entrelec							
Memory Sockets	Two 72-pin SIMMS					Four 72-pin SIMMS		
Ports	1 - Parallel SPP, EPP, ECP 2 - Serial RS-232 w/ 16550 UARTs							
Ethernet	Not Available					On board Ethernet 10/100MB		
Power Supply	90-260 VAC autosensing, 47-63 Hz							
Dimensions (L x H x D)	13.2 x 12.5 x 5.0	13.2 x 12.5 x 8.0	14.9 x 12.5 x 5.0	14.9 x 12.5 x 8.0	17.5 x 14.7 x 8.0			
Temperature	0° to 50°C Operating Temperature -25° to 60°C Nonoperating Temperature							
Relative Humidity	10 ~ 95% Noncondensing							
Shock	10G Operating - 15G Nonoperating							
Vibration	1G from 57-2000 Hz Operating 2.5 G from 57-2000 Hz Nonoperating							
Ratings	NEMA 12/4, IP65							

Optional Components

	IC10HI3	IC10HI6	IC12HI3	IC12HI6	IC12FI6	IC12FN6	IC15FN6
Hard Drives	Contact Entrelec						
EDO Memory	32 to 128 MB					32 to 256 MB	
3.5" Floppy	Panel Mount or Portable						
Panel Mount CD-ROM Drive	Drawer, Caddy, or Slot Load						
Chassis Mount CD-ROM Drive	Not Available	Drawer, Caddy or Slot Load	Not Available	Drawer, Caddy, or Slot Load			

¹ nit(1): Unit of luminance equal to one candela per square meter.