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# The Xycom 2000 and 2005 Workstations

Xycom's 2000 and 2005 Industrial Workstations are operator interfaces for PLCs, designed and built specifically to meet the mounting, environmental, operational, and reliability requirements of industry. The Xycom 2000-series Workstations provide rugged operator interfaces between industrial controllers and the harsh, factory floor environment.

The 2000-series Workstations emulate the popular DEC VT100/220 (ANSI X3.64) terminals. They can execute special remote commands to format the screen and draw a variety of figures such as lines, boxes, process control symbols, and high-resolution bar graphs.

These Workstations come standard with 60 Kbytes of user screen memory, two serial ports, and a parallel port. The 2005 adds a 34-key keypad and 20 relengendable function keys. The 2000-series Workstations are also available with a variety of options for increased functionality, such as a factory-installed touch screen, a full alphanumeric sealed keyboard with function keys, a PC/AT or PC/XT full stroke keyboard, or a sealed keypad with function keys.

Xycom's optional easy-to-use Operator Interface Language (OIL) allows the 2000 and 2005 Workstations to communicate with a wide range of PLCs. OIL simplifies the creation and enhancement of screen displays, and provides a time-of-day clock. OIL gives access to 124 Kbytes of user screen memory (which is a standard feature), and is expandable to 251 Kbytes.

These Workstations may be rack- or panel- mounted.

## All 2000-series Industrial Workstations feature:

- NEMA 4/NEMA 12 sealed front panel
- Port for standard IBM XT/AT programming keyboard
- 9" amber CRT with impact-resistant Lexan shield
- Full ASCII character set, plus:
  - Thin-line and block graphics
  - Large and small process graphics symbols
- Display attributes selectable on character-by-character basis, including:
  - Normal, double, and quad size
  - Blinking and underline
  - High-intensity and reverse video
- Two RS-232C isolated serial ports (both configurable to RS-485)
- Parallel printer or input port
- DEC VT 100/220 (ANSI X3.64) emulation
- Real-time clock
- 60 Kbyte screen memory (expandable to 251 Kbytes)
- Ability to accept one optional keyboard:
  - Full alphanumeric sealed keyboard with function keys
  - Sealed 38-key keypad with function keys
- Operator Interface Language (OIL) with choice of PLC direct connect
- Rack or panel mounting

The 2005 Industrial Workstation has all of the features of the 2000 Industrial Workstation, **plus:**

- 20 relegendable function keys
- 34-key keypad



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