

PERSONAL COMPUTER TRAINING SYSTEM

The **EO-865** is an advanced educational equipment, designed to illustrate the theoretical and practical aspects of the following areas: configuration, hardware architecture and operation and PC testing and diagnosis tasks; allowing, furthermore, the ability to introduce real hardware faults and viruses¹ for its later elimination.



The **EO-865** permits the study, installation and configuration of all the components composing a multimedia PC of latest generation. It is composed of widely spread and high reliability hardware components manufactured with the latest technology.

The **EO-865** incorporates a blocks diagram showing the functional modules of a PC. Its multiple Test Points enable the main signals of the PC hardware and its peripherals, with the aim that the student may learn the operation, as well as establish failure diagnostic and repairing methods.

The training system includes hardware method to simulate faults over the different modules of the computer.

In order to access and evaluate internal signals, the **EO-865** is provided with the required hardware* to:

- View POST codes
- Bus PCI evaluation
- Test ports

The **EO-865** training system comes with the XP Home Edition® O.S.

- Diagnostic and repair software* to certificate the correct operation of the PC.
- Analysis, diagnostic and repair kit* (for emergency situations, when it is not possible to boot the PC).

PC HARDWARE CHARACTERISTICS:

- Intel Pentium® IV processor 2.7 GHz or greater
- Intel® circuit board with AGP port
- 256 MB DDR 333 MHz
- AMI BIOS in flash ROM
- 1 AGP slot (64 bits)
- 6 PCI slots
- 6 USB connectors (4 accessible connectors externally)
- 1 Serial port
- 1 Parallel port
- 1 AGP 32 MB video board (64 bits) or greater
- AC'97 sound system
- 1 Floppy disk drive 3 1/2 1.44 MB
- Hard disk drive 80 GB (7200 rpm) or greater
- 1 DVD drive, x16 or greater
- 1 15" colour monitor 0.28 1024/768
- 1 WIN keyboard
- 1 Loudspeakers set
- 1 Internal modem/Fax of 56k or greater*
- 1 Mouse

¹ Antivirus not included

Included software:

- XP Home Edition® operating system
- Virus simulation software
- Diagnosis and repair software*

Diagnosis and Repair Hardware:*

- POST codes detector module
- Serial port testing module
- Parallel port testing module

(CD-ROM) Supplied Documentation:

- Training System User's Manual
- Training Manual
- Teacher's Manual
- Technical Documentation and Schemes

*OPT-01 OPTION