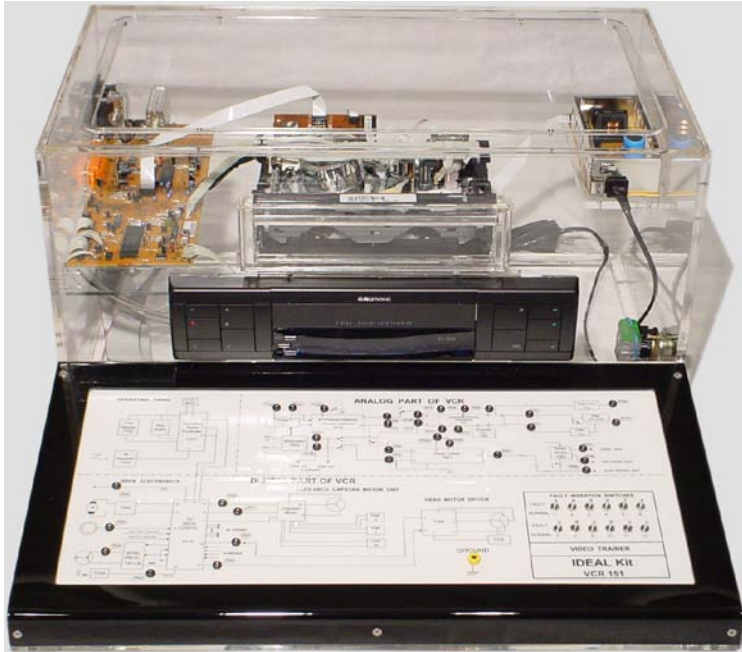


VCR-151 | VIDEO TRAINER



Technical specifications :

The VCR-151 video trainer is an ideal educational system that enables the hands-on training of students in how to understand, control, measure and troubleshoot the operation of all the parts of a VCR unit.

The trainer receives VHF and UHF (PAL-SECAM) signals in the CCIR standard.

The electronic circuits and the mechanism of the Video trainer are made by PHILIPS. The Video trainer includes all the latest technology features (turbo drive, high quality recording with edge noise canceller, digital auto tracking, 42 memories, image

freeze, scan, auto head cleaning, scart connector etc.)

The system is placed inside a transparent plexi-glass cabinet 8mm thick (total dimensions in cm 32H X 60W X 65D) providing the possibility of the observation of all the VCR's circuits as well as the instructor's intervention - when needed - through specially designed inputs of the unit.

At the front side of the unit there is a panel (dimensions in cm 60W X 30D) with the circuit (block) diagram of the VCR. Throughout the most suitable parts of the VCR's circuit are the test points of the Video system with 2mm sockets for connecting various instruments (oscilloscopes, etc) for the acquisition of the necessary waveforms.

There are 34 test points on the panel of the trainer and 12 fault insertion switches at the basic circuit stages in order for the student to execute the experiments covered in the manual without accessing the printed circuit's components.

The trainer is powered by a key-switch.

The fault insertion switches give the instructor the ability to insert faults that the trainer can locate and restore with the appropriate measurements.

The trainer includes :

- An instructions and operation manual
- A service manual
- An experiments manual