

**Product Name :**  
Color Television Trainer

**Product Code :**  
Lab Trainers0011



**Description :**

Color Television Trainer

We are Leading Supplier of Color Television Trainer in India. We also bulk supply Color Television Trainer for laboratory tensors.

Training Programs To Be Performed :

Introduction to Color Television

Characteristics of the DVB-T, PAL, SECAM and NTSC standards

Composite Video Signal

Block diagram and circuit analysis of the TV set

Measurement and trouble shooting on the different stages of the TV set :

Tuner, System Controller, Audio/Video processor, Audio/Video interfaces, LCD panel controller, Sound amplifier, Power supply

Technical Specifications : TV receiver with 19" LCD color monitor

Display Mode :

Resolution : from 640 x 480 to 1360 x 768 pixels

Horizontal frequency : 60KHz

Vertical frequency : 75Hz

Clock pixel frequency : 85 MHz

Standard : PAL/SECAM/NTSC (analog), DVB-T(Digital)

Coding : MPEG-2

Connectors : Audio-Video EuroSCART, HDMI and USB

Block diagram composed of :

Power supply

Tuner and Audio/Video processor  
Microcontroller (Sysco)  
LCD panel driver and power supply  
Included documentation : Internal mimic diagram  
Antenna impedance : 75Ω  
Channels : VHF e UHF  
Sound system : Stereo with internal speakers  
On screen display (OSD) of the television functions  
Infrared Remote Control  
24 Test points mounted on the synoptic panel and connected directly to the circuits  
of the equipment circuits  
Fault simulator : 8 faults  
Power source : 220 ~ 230V AC, 50Hz, 1 Phase

## Naugra Export

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