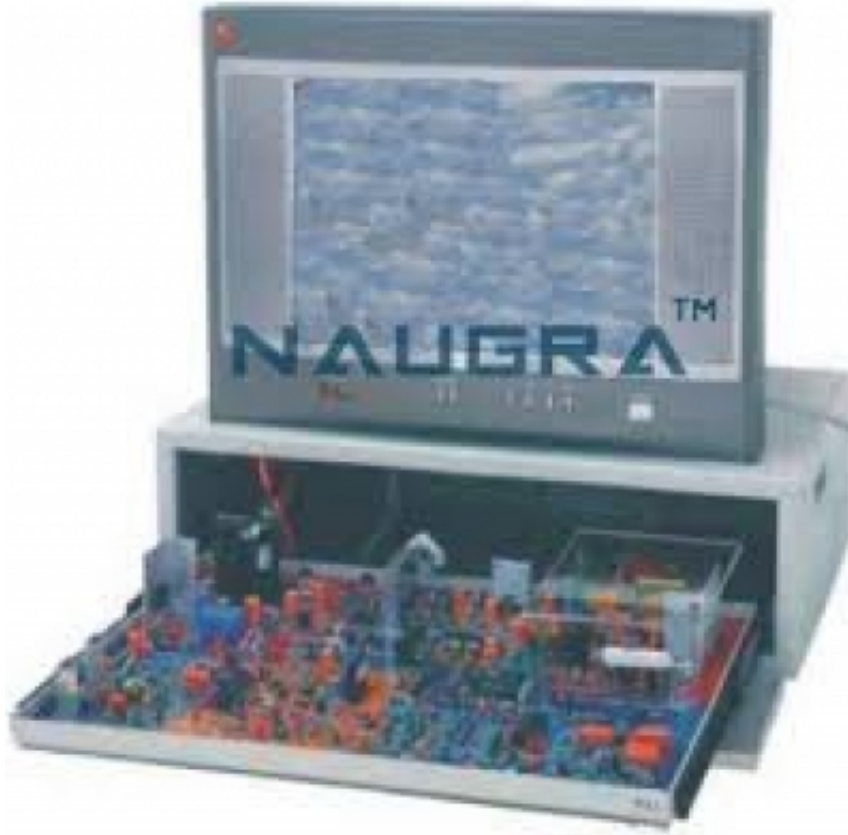


Product Name :
Color Television Trainer

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 : $75\hat{\imath}\frac{1}{2}$
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

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