

Product Name :
Color Television Trainer

Product Code :
Lab Trainers0004



Description :

Color Television Trainer

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

Features : Color Television Trainer

is a perfect product for the students to acquire knowledge of LCD TV construction & component circuits, made by state of the art technology

Specifications :

TV receiver with 19" LCD color monitor

Display Mode :

Resolution : 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 Euro SCART, HDMI and USB

Block diagram composed of :

Power supply

Tuner and Audio / Video processor

Microcontroller

LCD panel driver and power supply

Included documentation : Internal mimic diagram

Antenna impedance : 75 Ohms
Channels : VHF / 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 supply : 220V AC, 50Hz, 1 Phase
Training Program :
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

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