



**Product Code . JL-DSO-10336**

## Color TV Demonstrator

### Description

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#### Color TV Demonstrator

It is precisely engineered using fine quality raw material and latest machinery at our unit as per the set standards and norms in the industry.

We have a team of qualified inspectors who inspect

Color TV Demonstrator on various parameters ensuring utmost quality, performance, accuracy and a long service life.

This gains us increasing demands among that of our competitors.

Clients can avail it from us at economical prices.

#### Objective:-

To study working principle of colour television.

To study practical & theoretical aspects of colour television circuitry.

To study signals & voltages in different sections.

#### Technical Specifications:-

**Standard:-** CCIR-B-PAL-G, 625 Lines

**Channels:-** 230

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**RF input impedance:-** 75 Ohms

**Circuit Block:-** Video IF, Sound Section, Vertical Oscillator, Vertical output, Tuner Section, Horizontal Oscillator, Horizontal Output, Video & Chroma Section, System Control Circuit, Power Supply, AV Section

On Screen Display to se:- Volume, Brightness, Contrast Colour, Channel and Band Selection, Tuning

**Panel Control:-** ON-OFF switch, stand by Menu, Vol + / - Prog + /

Remote Control Function:- Volume, Brightness, Stand by, Colour, Contrast, Channel Selection, Audio Mute, AV Mode, Zoom, Swap, Scan, Child Lock

PCB Size:- 19 x 15 inches sliding type horizontal with lock& key

**I.F. Frequency:-** Video - 38.9 MHz & Audio- 33.4 Mhz

**Speaker Size(mm):-** 50 X 125

**Accelerating Potential:-** 24KV max.

48 Fault Switch provided on front panel for fault creation

55 Test Points provided on front panel only for observations

Complete view of component mounted PCB & CRT section

Complete circuit diagram printed on front panel

Power requirement:- 220 VAC +10% , 50 Hz

Weight:- 25.0Kg Approx.

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