

# BLACK & WHITE TELEVISION TRAINING KIT

## MODEL: BWTV-02

### Objective :

- To study working principle of black & white television
- To study practical & theoretical aspects of B&W television circuitry
- To study signals & voltages in different sections



### Technical Specifications :

- TV standard : PAL
- Antenna input impedance : VHF/UHF 75Ω, unbalanced type
- Sound output : 20Ω PMPO x 1 way
- Speaker coil impedance : 8Ω
- Control button of the TV : Volume, Brightness, Contrast, Tuner, Bandswitch
- Intermediate Frequency (IF) : Video IF : 38.9MHz  
Sound IF : 33.4MHz
- Power supply switched with protection power ON/OFF switch on the primary coil
- CRT : 14 inches
- Receiving Channels (with Electronic Tuner) : Channel - PAL  
: VHF LOW - 2-4  
: VHF HIGH- 5-12  
: UHF - 21-69
- Circuit Block : Tuner Section, Horizontal Output Section, Vertical Output Section, VIF, SIF, Horizontal/Vertical Oscillation & Sync Section, Sound Section, Video Section, System Control Section, Power Supply Section
- 20 Fault Switch provided on front panel for fault creation
- 20 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 : 20.0Kg Approx.

### Standard Accessories :

- Power Chord, Connecting Wire having both side 25 pin male connectors(1no.), Antenna, Fedder Wire, Remote Control With cell, Balun Transformer & Instruction Manual.

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