

DECADE L C R BOXES



Feature

- Compact & cost effective design
- Independent Range selection
- Wide range of precise Inductance,
- Bi-polar capacitors up to 600Volts
- Non Inductive Resistance
- Direct readable format
- Output on safety sockets
- Multi coloured Membrane panel
- Tolerance available up to 0.1%

Applications

Combined decade LCR box (3 in 1 COMBO BOX) is a very suitable desk top instrument made ever first time for educational institutes, testing laboratories and electronic research and development organizations for testing of electronic circuits. This single instrument is a combination of three different 5 decade Boxes of INDUCTANCE, CAPACITANCE and RESISTANCE.

Description

The inductances used are made of precision winding on ferrite pot core to get 10 precise inductance values, with high quality insulated copper wire wound on specially designed bobbins which are directly mounted on PCB to get stable and accurate values in shock and vibration.

the capacitors used are having high insulating resistance of polystyrene film wound non-inductively with minimum tolerance, there by ensuring high accuracy and stability of working with constant characteristics for several hours together. Non inductive resistors of 2 Watts each metals oxide are used to get precise resistance values at a wide range of temperature levels.

Specially designed rotary wafer switches with silver plated copper alloy contacts assemble with excellent dielectric materials ensuring very low contact resistance and high insulation.

Specially designed quality hardware components for easy user interface and highly professional testing and measuring instrument are used to calibrate this 3 in decade lab.

Inductors on Ferrite Pot core up to 100H 500mA
Voltage selection for Capacitors (100Volt / 250 Volt / 600Volt)
Wattage selection for Resistors (0.5W / 1.0W/ 2.0W/ 3.0W)

Specifications

Description	Inductor	Capacitor	Resistor
Type	Pot core wound	Polyester	Non-Inductive
Ranges	100mH to 100H	10pF to 111µF	0.01Ω to 111MΩ
Standard working Voltage			
/ Current / Power	200mA	250Volt Non-Polar	250Volt / 2watt
Range Selection	Rotary Switch	Rotary Switch	Rotary Switch
Maximum Decades	6	6	6
Maximum Residual/Decade	1mH	12pf	12mΩ
Dimension (L X W XH)mm	300X180X120		
Weight (Kg)	2.400		