

GOVERNMENT ENGINEERING COLLEGE, DAMAN
DEPARTMENT OF ELECTRICAL ENGINEERING
ELECTRICAL MEASUREMENT & MEASURING INSTRUMENTS
LABORATORY

OWEN'S BRIDGE TRAINER KIT



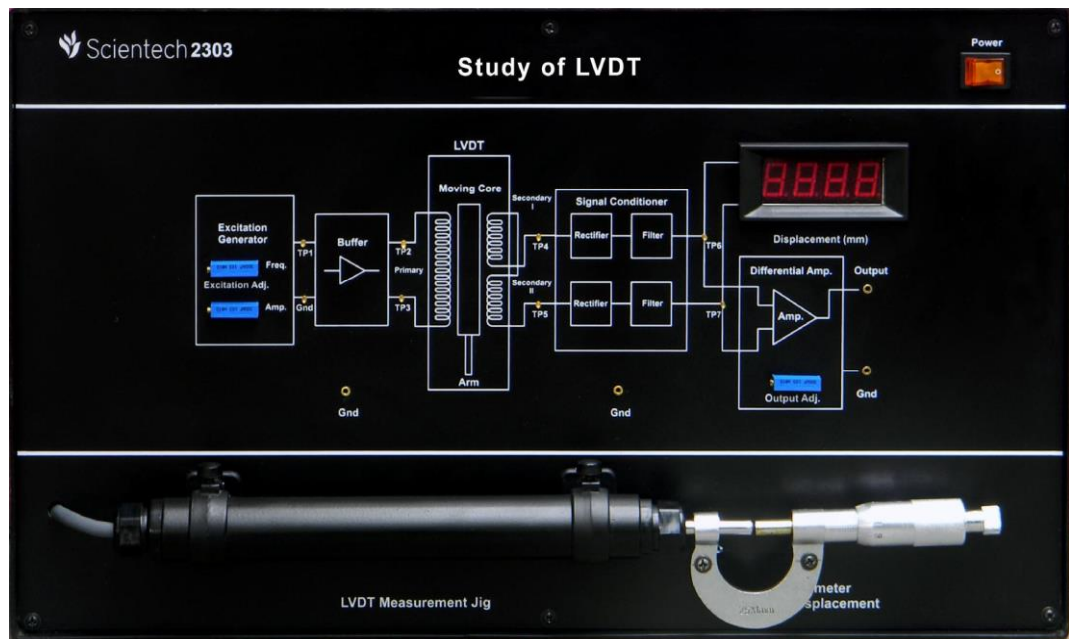
Basic Details: -

- $\pm 15V$ DC at 100mA, IC Regulated Power Supply internally connected.
- 1 KHz Sinewave oscillator Output 0 - 15Vpp.
- The unit is operative on 230V $\pm 10\%$ at 50Hz AC Mains.



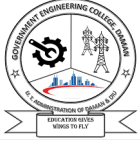
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LVDT TRAINER KIT



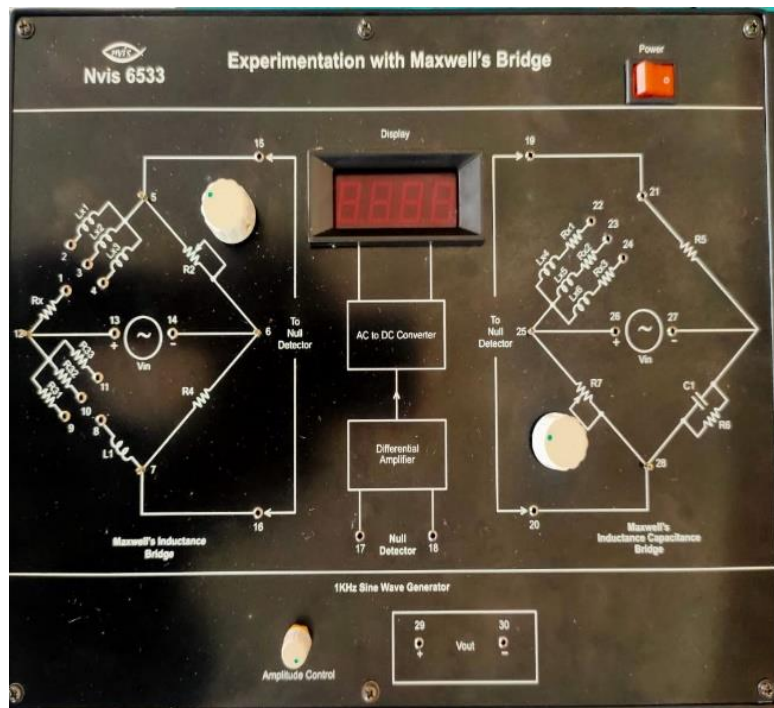
Basic Details: -

- Measurement Range: 20 mm (± 10 mm)
- Excitation Frequency: 4 KHz (approximately)
- Excitation Voltage: 4Vpp (approximately)
- Sensitivity: 10mV DC/ mm
- Linear Range: Full Scale



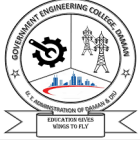
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MAXWELL'S BRIDGE TRAINER KIT



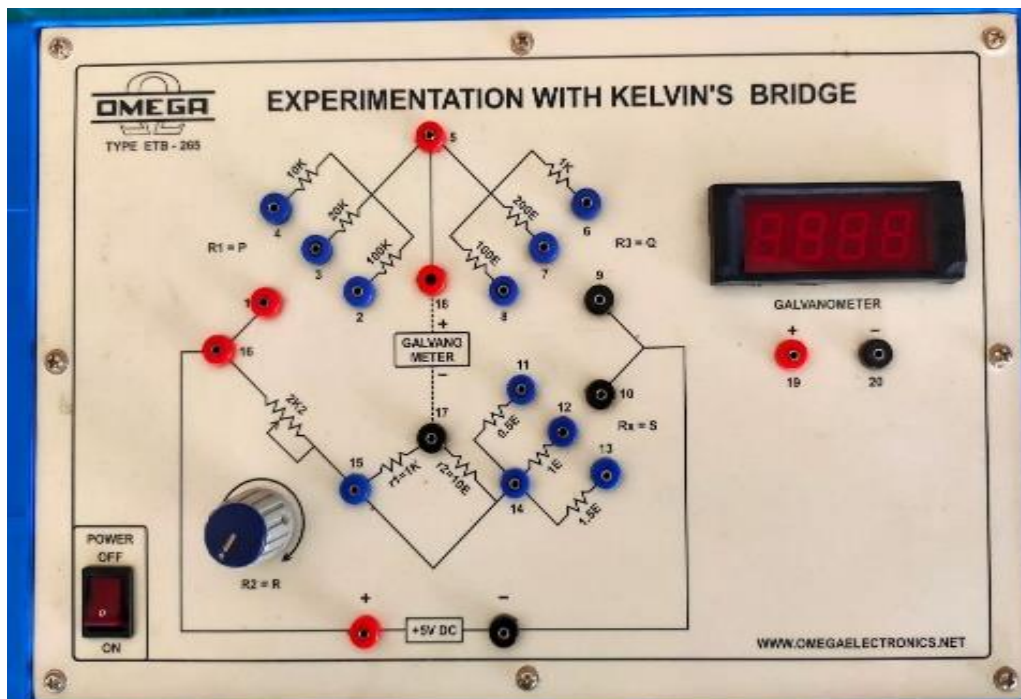
Basic Details: -

Mains supply 230 V AC $\pm 10\%$, 50 Hz ,12v dc



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KELVINS BRIDGE



Basic Details: -

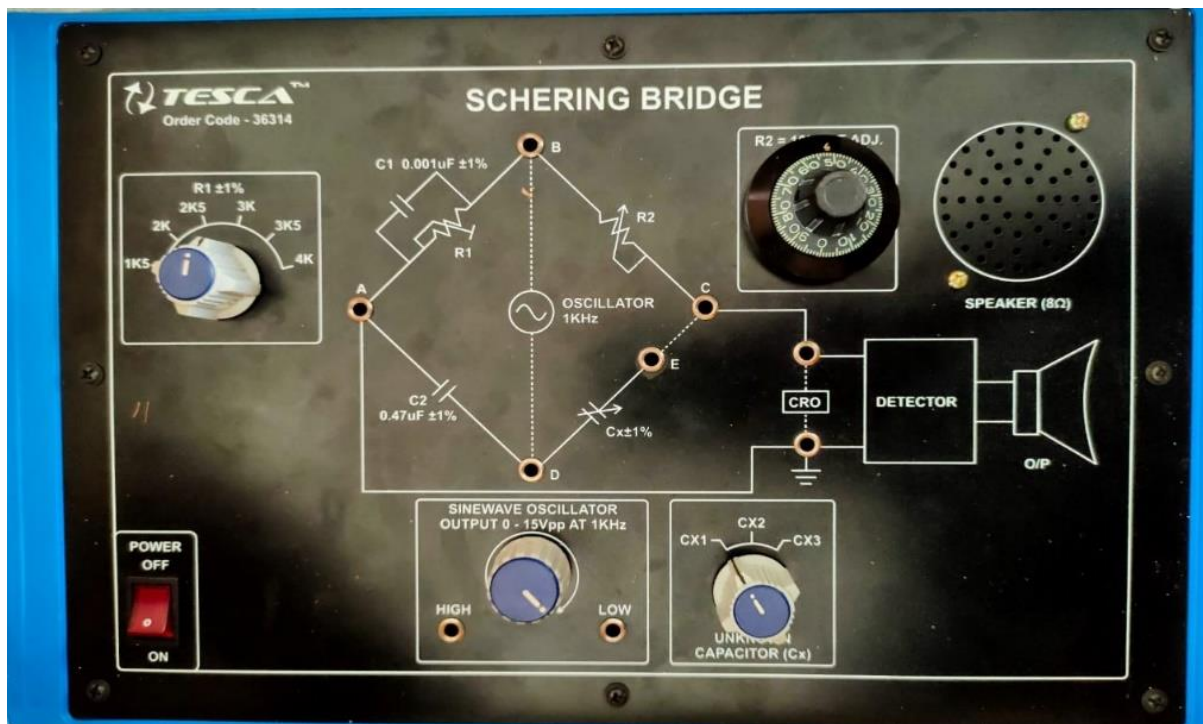
The board consists of the following built-in parts:

- Unknown Resistance 0.5Ω , 1.0Ω , 1.5Ω .
- Known Resistance $R1 = 100K\Omega$, $20K\Omega$, $10K\Omega$. $R3 = 1K\Omega$, 200Ω , 100Ω
- DC Power Supply $+5V$.
- The unit is operative on $230V \pm 10\%$ at $50Hz$ A.C. Mains.



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OWEN'S BRIDGE TRAINER KIT



Basic Details: -

The board consists of the following built-in parts:

- ± 12 VDC at 100 mA, IC Regulated Power Supply internally connected.
- KHz Sinewave oscillator having output 0-15 Vpp.
- The unit is operative on 230V $\pm 10\%$ at 50HzAC Mains.