

**Product Name :**  
Study Of Microwave Test Bench Universal Model

**Product Code :**  
EEI0008



### Description :

Study Of Microwave Test Bench Universal Model

### Technical Specification :

1. To study the characteristics of reflex klystron & Gunn Diode.
2. To study frequency, guide wavelength & free space wave length.
3. To measure SWR & reflection coefficient & impedance of a load.
4. To measure polar pattern & gain of antennas.
5. To measure the dielectric constant of Liquid & Solid cells.
6. To measure phase shift &  $\Gamma$  of a cavity.
7. To study Magic Tee, E & H Plane Tee, Directional Coupler, Isolators Circulators & Return Loss Measurement.

Component Name	Qty
Klystron power supply	1
Gunn Power Supply	1
Pre Modulator	1
Frequency Meter	1
Reflected Section	1
Detector Mount	1
Matched Termination	1

Steel	4
BNC Cable	3
Fixed Short	1
Pyramidal Horn	2
Parabolic Dish	1
Bands E & H Plane	1
Liquid Dielectric Cell	1
Fixed Attenuator	2
Circulator	1
Rigorous Mount & Table	1
Gain Oscillator	1
Reflector	1
Variable Attenuator	1
Tunable Probe	1
Movable Short	1
VSWR Meter Solid State	1
S & T Tuner	1
Coating Pen	1
Radiation Pattern Turn table	1
Connector to Wave Guide Adapter	1

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