

# Universal Microwave Bench

**Product Categories:** [Electronics](#), [Engineering Equipment](#), [Microwave Lab Training Modules](#), [Microwave Lab Training Modules](#)

**Product Page:** <https://www.labappara.com/product/universal-microwave-bench/>

## Product Description

### Universal Microwave Bench

#### Experiments:

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 & "Q" of a cavity
7. To study Magic Tee. E & H Plane Tee, Directional Coupler. Isolators Circulators & Return Loss Measurement.

#### **List Of Component:**

Klystron power supply

Gunn Power Supply

Pin Modulator

Frequency Meter

Slotted Section

Detector Mount

Matched Termination

Stand

BNC Cable

Fixed Short

Pyramidal Horn

Parabolic Disc

Bends E & H Plane  
Liquid Dielectric Cell  
Fixed Attenuator  
Circulator  
Klystron Mount & Tube  
Gunn Oscillator  
Isolator  
Variable Attenuator  
Tunable Probe  
Movable Short  
VSWR Meter Solid State  
S S Tunner  
Cooling Fan  
Radiation Pattern Turn table  
Coaxial to Wave Guide Adopter