

**Product Name :**  
Microwave Trainer Kit

**Product Code :**  
SH541



**Description :**

Microwave Trainer Kit

**Technical Specification :**

Study of the characteristics of klystron tube and to determine its tuning range  
To determine the frequency & wavelength in a rectangular waveguide working on TE 10 mode  
To determine the standing wave ratio & reflection coefficient  
To measure an unknown impedance with Smith chart  
Measurements of Dielectric constant of following:  
Solid dielectric material using solid cell  
Liquid dielectric material using liquid cell  
To study the phase shift measurements by using phase shifter  
To study the square law behavior of a microwave crystal detector  
To study the voice communication by using microwave test bench  
To study the variable attenuator  
To study the Isolator & Circulator  
Microwave Trainer Kit  
Quantity Power meter  
SWR METER  
Function Generator (with DDS PLL built in)  
Frequency Meter  
Variable Attenuator  
Slotted line  
Hybrid Tee

Crystal Detector  
Waveguide  
Matched Termination  
Slide Screw Tuner  
Horn Antenna  
Coaxial Adapter  
Fixed Attenuator 6dB  
Directional Coupler  
Waveguide Stands 1 support  
Waveguide Stands 2 support  
Shorting plate  
N50KK cable  
BNC50JJ cable  
Screws and nuts  
Tools

## Naugralabequipments

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