

The Microwave Test Benches are precision made microwave systems, which use standard type rectangular wave-guide components to illustrate the essential elements of this field for study.

The equipment consist of :

- A selection of wave-guide components
- The power supply for the microwave source
- A detector
- A meter, which monitors the detector output
- Wall Chart
- Microwave Components Chart

These Training Benches are completely self-contained & provide the means to allow students to carry out practical work at extremely low cost. A comprehensive manual containing extensive microwave theory and a progressive series of assignments is supplied with the Trainer.



Experiments

- Measure the gain of a waveguide Horn Antenna
- Study & Measurement with Multihole Directional Coupler
- Study of Magic Tee, Q & Bandwidth Measurement in cavity resonator

Instruments

GPS -----	1
VSWR Meter -----	1

Components

Coaxial W/G Adaptor-----	1
Cooling Fan -----	1
Detector Mount-----	1
D.R.F. Meter -----	1
E-Plane Bend -----	2
Fixed Attenuator 10 dB-----	1
Fixed Short-----	1
Gunn Oscillator-----	1
H-Plane Bend -----	1
Isolator-----	1
Magic Tee -----	1
Matched Termination -----	1
Movable Short -----	1
M H D Coupler 10 dB -----	1
Pin Modulator -----	1
Pyramidal Horn-----	1
S S Tuner -----	1
Slotted Section-----	1
Standard gain Horn Antenna-----	1
Tunable Probe -----	1
Variable Attenuator 20 dB -----	1
Wave Guide Stand -----	3
W/G Cavity Resonator -----	1



Microwave Components Chart

Accessories:

Mains Cord-----	2
Cable BNC - BNC -----	2
Op. Manual-----	1
Cable N type to TNC Cable -----	1

Note: Specifications are subject to change.

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