

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

- Dielectric Constant Measurement of Solids
- Dielectric Constant Measurement of Liquid
- Phase Shift Measurement

Instruments:

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

Components

Cooling Fan -----	1
Detector Mount -----	1
D.R.F. Meter-----	1
Gunn Oscillator -----	1
Isolator -----	1
Liquid Dielectric Cell -----	1
Phase Shifter -----	1
Pin Modulator -----	1
Precision Short -----	1
Slotted Section -----	1
Solid Dielectric Cell-----	1
Tunable Probe -----	1
Variable Attenuator 20 dB-----	1
W/G Cavity Resonator-----	1
Wave Guide Stand -----	3

Accessories

Cable BNC - BNC -----	2
Mains Cord -----	2
Op. Manual -----	1
Cable N type to TNC-----	1
Samples of Solid Dielectric -----	1



Microwave Components Chart

Note: Specifications are subject to change.

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