

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:

- Measurement of Radiation Pattern of Antennas
- Measurement of Gain of Antennas
- Measurement of Polar Pattern of Antennas

Instruments:

- SKPS -----1
- VSWR Meter -----1

Components

- Coaxial W/G Adaptor -----2
- Cooling Fan -----1
- Detector Mount -----1
- Dielectric Antenna -----1
- D.R.F. Meter -----1
- E-Plane Sectoral Horn -----1
- H-Plane Sectoral Horn -----1
- Isolator -----1
- Klystron Mount -----1
- Parabolic Dish -----1
- Pick Up Horn Antenna -----1
- Pyramidal Horn -----1
- Radiation Pattern Turn Table -----1
- Slotted Broad Wall -----1
- Slotted Narrow Wall -----1
- Standard Gain Horn Antenna -----1
- Variable Attenuator 20 dB -----1
- Wave Guide Stand -----3
- Wave Guide Twist -----1

Accessories:

- Mains Cord -----2
- Cable BNC - BNC -----2
- Bends to Connect Antenna -----2
- Cable N Type to N Type -----1
- Pair of Bend to connect Antenna -----1



Microwave Components Chart

Note: Specifications are subject to change.

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