

ST-2010 LabKit



COMPACT MICROWAVE LABKIT TYPE ST-2010

Following experiments can be performed using this Labkit

1. To study Magic Tee, Directional Couplers, Isolators & Circulators
2. To study the Characteristics of detector diode.
3. To study Attenuation measurement.
4. To Study the return loss measurement.
5. To study the Characteristics of Gunn Diode.
6. To study Frequency, Guide Wavelength & free Space Wavelength.
7. To measure the SWR & Reflection Coefficient.
8. To measure Impedence of a load.
9. To study the Characteristics of Reflex Klystron.

Compact Microwave Labkit VX-2010 Components & Instruments:

1. Klystron Power Supply	KP-151	1 No.
2. Klystron Mount	X-2051	1 "
3. Klystron Tube	2K25 or K27	1"
4. Isolator	X-6021	1 "
5. Frequency Meter, Direct Reading Type	X-4155	"
6. Variable Attenuator	X-5020	1 "
7. Fixed Attenuator 3,6,1 Odb	X-5000	3 "
8. Detector Mount	X-4051	1 "
9. Movable Short	X-4081	1 "
10. Slotted Section	X-6051	1 "
11. Tunable Probe	X-6055	1 "
12. VSWR Meter, Solid State	X-41 1	1 "

Note : Experiment Manual will be provided alongwith Kit.
of the following

13. Waveguide Stands	X-5035	4 No.
14. Slide Screw Tuner	X-4041	1 "
15. BNCto BNC Cable	C-101	1 "
16. Cooling Fan	--	1 "
18. Matched Termination	X-4000	2 "
19. Multihole D. Coupler 3,1 0,20	X-6000	3 "
20. Three Port Circulator, Y-Type	X-602Y	1 "
21. E-Plane Tee	X-3061	1 "
22. H-Plane Tee	X-3065	1 "
23. Magic Tee / E-H Tee	X-3045	1 "
24. Gunn Power Supply	X-1 10	1 "
25. Gunn Oscillator	X-2152	1 "
26. Pin Modulator	X-451	1 "
27. Fixed Short	UG-39/U	1 "
28. Smith Chart of 100 Pes.		1 "