

COMPACT MICROWAVE LABKIT TYPE VX-2003**Following Experiments can be performed using this Labkit-**

To Plot the Polar pattern & Gain Characteristics of the following Antennae.

- i) Pyramidal Horn
- ii) Pick Up Horn
- iii) Slotted Wave Guide Antenna (Narrow & Broad - Wall)
- iv) Dielectric Antenna
- v) Sectorial Horns (E & H - Plane)
- vi) Parabolic Dish
- vii) Helix Antenna

VX-2003 Compact Microwave Labkits consists of the following Components & Instruments-

1. Klystron Power Supply	KP-151	1 No.
2. Klystron Mount	X-2051	1 "
3. Klystron Tube	2K25orK27	1 "
4. Isolator	X-6021	1 "
5. Frequency Meter, Direct Reading Type	X-4155	1 "
6. Variable Attenuator	X-5020	1 "
7. Detector Mount	X-4051	1 "
8. VSWR Meter, Solid State	VS-411	1 "
9. T-Circulator	X-6021	1 "
10. Coaxial to W/G Adaptor	X-7061	2 "
11. Coaxial Cable N to N	C-105	1 "
12. Waveguide Twist	X-7051	1 "
13. Precision Movable Short	X-4181	1 "
14. Waveguide Stand	X-5035	4 "
15. Waveguide Bend, 90 degree	X-7071	2 "
16. Cooling Fan		1 "
17. Radiation - Pattern Turn Table	X-851	1 "
18. Tripod Stand for Antenna	X-5145	1 "
Various Types of Antenna		
19. Standard Gain Horn	X-5041	1 "
20. Pyramidal Wg. Horn	X-5041	1 "
21. Pick-up Horn	X-5061	1 "
22. Broad Wall Slot Antenna	X-5161	1 "
23. Narrow Wall Slot Antenna	X-5163	1 "
24. Dielectric Antenna		1 "
25. E-Plane Sectoral Horn	X-5043	1 "
26. H-Plane Sectoral Horn	X-5045	1 "
27. Parabolic Dish	X-5071	1 "
28. Helix Antenna	-	1 11

Note : This lab kit is available with Gun-source instead of Klystron source also.

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