

Following experiments can be performed using this Labkit-

1. To measure dielectric constant of Solids.
2. To measure dielectric constant of Liquids.
3. To measure Phase Shift.
4. To measure 'Q' of a Cavity.

VX-2004 Compact Microwave Labkit consists of the following Components and 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	
5. Frequency Meter, Direct Reading Type	X-4155	1"
6. Variable Attenuator	X-5020	1 "
7. Slotted Section	X-6051	1 "
8. Tunable Probe	X-6055	1 "
9. Detector Mount	X-4051	1 "
10. Solid Dielectric cell	X-930	1 "
11. Liquid	X-910	1
12. VSWR Meter,	VS-411	1 "
13. Waveguide	X-5035	4 "
14. Waveguide	X-211	1 "
Cable	C-101	1 "
16. Cooling Fan	-	1 "
17. Precision	X-4181	1 "
18. Waveguide	X-9180	1 "
19. Solid Dielectric of Teflon, Nylon, Ebonite, Perspex		1 Set