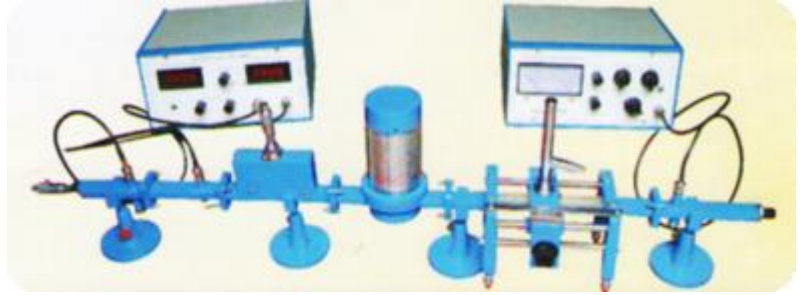


Model JM 9002 (Microwave Lab KIT II)

EXPERIMENT

- Study of gunn diode V/I charecteristics.
- Measurement on directional coupler/cross coupler
- Measurement on Magic Tee/Isolator/circuilator.
- Measurement of relative power attenuation.

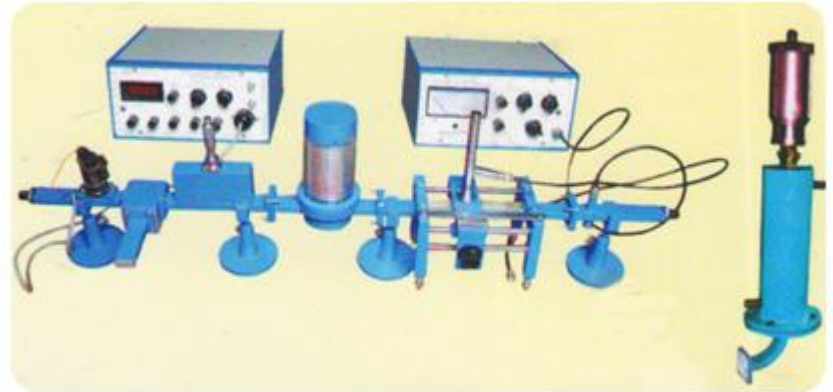


Components & Instrument	Model No.	Quntity	Components & INstriments	Model No.	Quantity.
Gunn Oscilator	XGO-111	1	Matched Termination	Xtx-127	1
PIN Modulator	XPM-155	1	Directional Coupler	XDC-128	1
Isolator	XIS-150	1	waveguide stand	XWS-150	3
Frequncy Meter(DRF)	XFM-142	1	Magic tee	XMT-117	1
Variable Attenuator	XVA-122	1	VSWR Meter	VS-105	1
Slotted Section	XSL-123	1	Gunn power supply	Gps-105	1
Tunable probe	XTP-124	1	BNC cable		4
Detector Mount	XPM-125	1			
Fixed short	XFS	1	Fasteners		1set
Fixed attenuator	XFA-103	1	Experiment Manual		1 set

Model JM 9003 (Microwave Lab KIT Die Electric Trainer)

EXPERIMENT

- Dielctric constant measurement of solid dielectric material
- Dielectric measurement of liquid dielectric material
- Measurement of phase shifter
- Measurement of 'Q' if cavity



Components & Instrument	Model No.	Quntity	Components & INstriments	Model No.	Quantity.
Klystron Mount	XKM-141	1	Lliquid	XLC-101	1
Klystron Tube	2k-25	1	Phase Shifter	XPS-169	1
Isolator	XIS-140	1	waveguide stand	XWS-150	3
Frequncy Meter(DRF)	XFM-142	1	Cooling fan	CF-130	1
Variable Attenuator	XVA-122	1	VSWR Meter	VS-105	1
Slotted Section	XSL-123	1	Klystron power supply	KPS-105	1
Tunable probe	XTP-124	1	BNC cable		4
Detector Mount	XDM-125	1	Fasteners		1set
Precision short	XTS-168	1	Experiment Manual		1 set
Solid dielectric cell	XSC-201	1			