

Frequency Meter

Micrometer Type:

1. Model 4055 are absorption type (Except in S-Band) cavity Wave Meter called frequency meter. These are made of tunable resonant cavity(having high Q) of particular size. This cavity is connected to the source of energy through a section of waveguide. The cavity absorbs some power at resonance, which is indicated as dip in output power. The tuning of the cavity is achieved by means of a plunger connected to a micrometer. The reading of a meter at resonance gives frequency from the calibration- chart provided at 200 MHz intervals.
2. S- Band frequency meter is a transmission type cavity wavemeter.

Model No.	ST-L-4055	ST-S-4055	ST-C-4055	ST-J-4055	ST-X-4055	ST-KU-4055	ST-K-4055	ST-R-4055
Freq. Range	1.7-2.6	2.6-3.95	3.96-5.85	5.8-8.2	8.2-12.4	12.4-18.0	18.0-26.5	26.5-40.0
Waveguide Type(WR-)	430	284	187	137	90	62	42	28
Flange Type (UG-/U)	CPR430	53	149A	344	39	419	595	599
VSWR at OFF Resonance	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01