



This is a Microcontroller based Equipment with LCD. The Analog metres have multiple scales which makes the instrument very complicated for the students. The Digital Display of SWR & dB solves the problem. Since the Equipment have Microcontroller based digital display so there is no need of expanded scales, as it was in conventional instruments.

**Technical Specifications**

- Display :** 16 x 2 Characters LCD
- Sensitivity :** 0.1  $\mu$ V for 200  $\Omega$  input impedance
- Noise Level :** Less than 0.02  $\mu$ V
- Range :** 0 - 60 dB in 10 dB steps
- Input :** Un-biased low and high impedance biased crystal (200  $\Omega$  and 200 K)
- Display Select :** SWR 1 - 9  
dB 0 - 10
- Modes :** Normal  
Audio  
PC-Interface
- Gain Control :** Adjusts the reference level, variable range 0 -10 dB (approx)
- Input Connector :** BNC (F)
- Input Frequency :** 1000 Hz  $\pm$  10%
- Power Supply :** 220 V  $\pm$  10%, 50Hz

