# 2 SPECIFICATIONS

VOLTMETER

| | | |
|---|---|---|
| Voltage range | : | 1mV full scale to 300V full scale in 12 range (0.001/0.003/0.01/0.03/0.1/0.3/1/3/10 30/100/300) |
| dB | : | -80 to +50 dB (0 dB = 1V) |
| dBm | : | -80 to +52 dB (0 dB = 1mW, 600 Ω) |
| Accuracy | : | ±3% of full scale reading (At 1 kHz) |
| Frequency response (Reference of 1kHz) | : | ±10% from 10Hz to 500kHz<br>± 5% from 20Hz to 250kHz<br>± 3% from 20Hz to 100kHz |
| Input impedance | : | 1M Ω shunted by 45 PF or less |
| Change due to power Source voltage variation | : | Within ±0.5% of full scale reading against ±10% variation of power source voltage |
| Temperature coefficient | : | ±0.08%/°C |
| Operating temperature | : | -10 to +50°C |
| Rated Max. input voltage | : | DC component ±400V<br>AC component 300Vr.m.s. for 0.3V range or lower<br>500Vr.m.s. for 1V range or higher |
| Channel isolation | : | 80 dB or more (When each channel operated separately, with range set at 1V and one of channels input terminal open)<br>50 dB or more (When both channel co-operated, with range set at 1V and one of channels input terminal open) |

MONITOR OUTPUT CHARACTERISTIC

| | | |
|---|---|---|
| Gain | : | **Approx. 40 dB** |
| Output voltage | : | **Approx. 1V** |