

## AUTO TUNING DISTORTION ANALYZER

### Features:

- Digital Read out for Distortion and Level Measurement
- Auto And Manual Tuning for Distortion Measurement
- Frequency Range : 20 Hz to 200 KHz
- Level Meter Range : 1m V to 300 V
- Level Meter Response up to 2 MHz

### Specifications:

- Distortion Measurement
- Distortion Measuring Range : 0.1% to 100% in three ranges.
- Frequency Range : 20 Hz to 200 KHz
- Automatic Nulling Range: From 20 Hz to 200 Hz (Manual Null Tuned to 3% of Set Level)
- From 200Hz to 20KHz (Manual Null tuned to 10% of Set Level)
- Input Range :150 mV to 40 Vrms (External Attenuator to be used for voltage more than 40V ; up to 250 Vrms)
- Input Impedance : 1 Mohms.
- Fundamental Rejection : More than 80 dB
- Second Harmonic Accuracy : 1 dB Typical
- Distortion Introduced : 0.05% (Max) By Instrument
- Automatic Null Accuracy : Within  $\pm 2$  dB ; Manual Null

### Level Meter:

- Voltmeter Range : 3 mV to 300 Vrms in 6 ranges
- Frequency Range : 20 Hz to 2 MHz
- Basic Accuracy :  $\pm 3\%$  of Reading,  $\pm 1$  Digit At 10 KHz.
- Residual Noise : Less than  $-80$  dB.
- Frequency Response : 3mV to 10V 5% upto 100 KHz, 10% upto 2 MHz
- 30V and 300V ranges 5% upto 100 KHz
- Output Impedance : 2.2 Kohms (Approx)
- Input Impedance : 11 Mohms (Approx)
- Facility for monitoring Provided residuals.

### General:

- Read Out : Digital Panel Meter
- Power Supply : 230V  $\pm 10\%$  ; 50 Hz
- Operating Temp : 0 – 400 °C

### Accessories:

- Banana to Crocodile cable : 1 Pair
- Instruction Manual : 1 No.
- Attenuator (Optional)



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