

## MAD 201C - Distortion Meter 20Hz ~ 20kHz



### Features:

- Auto range and distortion measurement
- Auto or hold function selectable
- 7 distortion ranges: 1% - 100%
- Frequency: 20Hz~20KHz continuously adjustable in 3 ranges
- 3 spot frequency: 400Hz, 1KHz, 10KHz
- 12 AC voltage range: 1mVrms ~ 300Vrms
- Device of distortion measurement and combination of two single channel Millivoltmeter
- X axle and Y axle output enable observation of Lissajou's figure

### Technical Specification :

- Measuring range : 0.1% ~ 100% 7steps, error  $\leq 3\%$  (full scale)
- Fundamental wave range : 20Hz ~ 20KHz, 3 frequency point  
400Hz, 1KHz, 10KHz
- Input level : 100mVrms ~ 300Vrms
- Fundamental wave Suppression : > 80dB
- Survival distortion : < 0.03% (including noise)
- AC Voltage range : 1mVrms ~ 30Vrms full scale
- Decibel scale : - 60dB ~ + 50dBm steps with 10dB  
: - 20dB ~ + 1dBm (0dB = 1V)  
: - 20dB ~ + 3.2dBm (0dB = 1mW 600ohms)
- Frequency response : 100mV~300V range 20Hz~200kHz,  $\pm 0.5$ dB  
: 1mV ~ 30mV range 20Hz~200kHz,  $\pm 1$ dB
- Survival noise :  $\leq 10$ micro Volt (Input end grounded)
- Input resistance : 100Kohms  $\pm 10\%$
- Output  
"X" axis output : 1Vrms Approx. full scale of voltage  
"Y" axis output : 500Vrms Approx. full scale of distortion
- Output resistance : 600ohms Approx.
- Max. Input voltage : <400V (DC + AC peak)
- Power requirement : 220 VAC  $\pm 10\%$  , 50 Hz
- Weight : 5.0Kg Approx.
- Dimensions (mm) : 310(L) x 260(B) x 160(H)

### Standard Accessories :

- Power cable, Instruction manual