

MICRO TANDELTA METER DAC-MD-1

- **Portable with built-in testing source**
- **Compact and Light Weight**
- **Suitable for on-site tests**
- **Wide Measuring Range**



Specimens

Generators, Motors, Transformers
Cables, Capacitors, Insulating Materials

Features

- 18bitA/D is used.
- **Stable measurement.**
Introducing a built-in synthesizer to asynchronous with power supply (50Hz, 60Hz, 100Hz).
- **Reliable measurement.**
Real-time-data arithmetic processing system from sine wave by simultaneous sampling.
- 90 degree digital phase control by exact control of sampling time.
- Data obtained with AD convertor realize true effective value.
- Digitalizing analog circuits, insusceptible by environment conditions

Specifications

Measurement system	:Real-time-data arithmetic processing system and simultaneous sampling with sine wave.
Measurement voltage	:200 V
Measurement maximum capacity	:1nF - 200nF
tanδ	:0.00% - 999%
Measurement frequency	:50Hz / 60Hz / 100Hz (Variable frequency power supply system by a synthesizer)
Accuracy	
Measurement voltage	:200 V ± 3%
Measurement frequency	:± 3%
Capacitance	:± (3%rdg + 2digit)
tanδ	:± (0.04% + 3%rdg + 2digit)
Input Power :	:AC100-240V 50/60Hz
Size and weight	:H180 × W270 × D255 mm, about 5kg