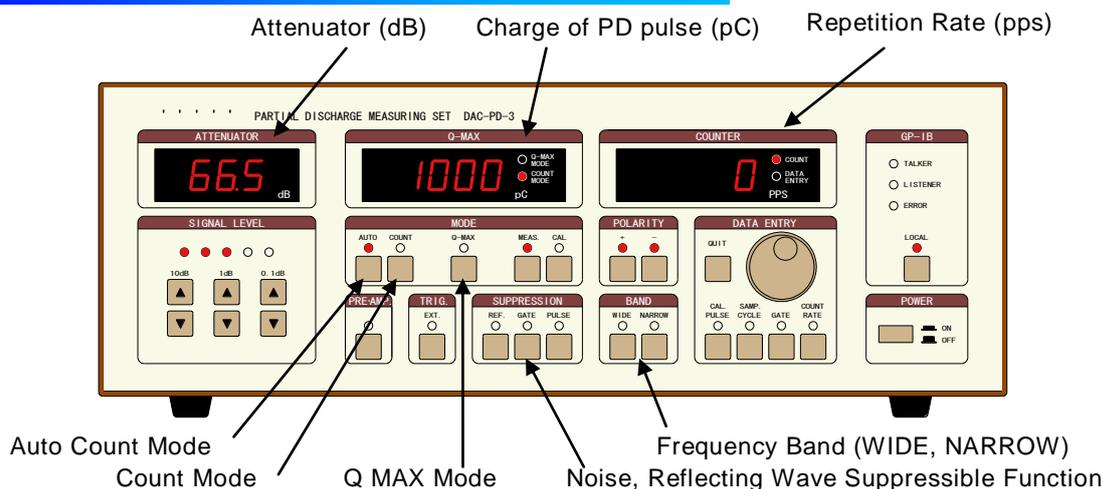# DAC-PD-3
PARTIAL DISCHARGE MEASURING SET

Specifications

- Attenuator   : Attenuation   0.1dB～66.5dB(Input Resistance 50Ω)
- Amplifier   : Frequency Band   Wide Band   10kHz～4MHz
                                         Narrow Band 10kHz～200kH
- Pulse Counter   : Max. 99999 counts (Pulse Resolution 10μs)
- Q-MAX Display   : 1pC - 100000pC
- Interface   : GP-IB
- Analog Output   : Linear, DC output by Log, Waveform monitor output
- Other Specs   :Phase Gate   0 - 359°(set every 1°steps optionally)
- Power Source   :AC100V±10% 50/60Hz
- Size & Weight   : W430 x H150 x D385 (mm)   11kg
- Accessories   :1)Coaxial cable (BNC:20m x1, 2m x2)
                      2)AC Cord   1 pc
                      3)Grounding Cable   2 pcs
                      4)Storage Bag   1 pc

Front Panel

Attenuator (dB)   Charge of PD pulse (pC)   Repetition Rate (pps)

Auto Count Mode
Count Mode   Q MAX Mode   Frequency Band (WIDE, NARROW)
                                     Noise, Reflecting Wave Suppressible Function

- **Q-MAX Mode**
    This mode is suitable for detecting the magnitude at a single maximum partial discharge.
- **COUNT Mode**
    N-q Characteristic can be obtained by measuring repetition rate of PD pulses for Charge of PD pulses.
- **AUTO COUNT mode**
    In AUTO COUNT MODE, the maximum partial discharge magnitude for the specified repetition rate of partial discharge pulses can be measured.
    （Partial discharge magnitude is output in Log and V-q Characteristic can be obtained.）
- **Noise Suppressible Function**
    ◆Periodicity noises can be masked.
    ◆Pulse noises can be masked by detecting the noises from CT and aerial wire.
    ◆Charge pulse can be masked for a given length of times to reflex waves after detection.
- **Phase Gate Setup**
    Phase Gate can be set 0～359° at every 1° steps optionally.