



# Model DAC-PD-7P Partial Discharge TESTER

## Specifications

### Power Unit

· Input Voltage	100VAC±10% 50/60Hz
· Output Voltage	0 - 5000VAC, 30VA
· The shortest testing cycle	4s
· Voltage Holding Time (Measuring Time)	>1s
· Voltage Rising Time	<0.1s
· Frequency	50Hz, 60Hz
· Wave Shape	Sine wave
· Maximum Capacitance Load	1000pF
· Voltage Setting Range	0 - 5000VAC
· Voltage Setting Accuracy	1%F.S.

### Partial Discharge Measurement Part

· Gain	0 - 80dB
· Judgment Electric charge	1~1000pC (with restriction by detection sensitivity)
· Judgment Generation Frequency	10~9000PPS
· Calibrator Charge	100pC, 1000pC
· Calibration Pulse Injection Capacitor	50pF
· Calibration Pulse Voltage	2V, 20V
· Calibration Pulse Generation Frequency	50PPS
· Built-in Coupling Capacitor	1000pF

### Others

· Judgment	Negative judgment is given when a pulse count for 1 second exceeds a threshold value
· Display	
Measuring Data	Pulse counter (at Threshold value of electric charge)
Test Voltage	Existing applied voltage
Setting Voltage	Voltage to be applied when measure ON
Judgment Electric Charge	Electric charge to be judged
Generation Frequency Threshold	Synchronize with test frequency
PASS/FAIL Judgment	Negative judgment is given when generating frequency at judgment electric charge exceeds a threshold value.
Calibration Value	100pC / 1000pC
Test Frequency	50Hz / 60Hz
· Output Contact	PASS/FAIL Judgment, during voltage output (Each Dry Contact)
Output Voltage	Output : SHORT      Suspension : OPEN
PASS/FAIL Contact	FAIL : OPEN      PASS : SHORT
Input Contact	Measurement START/END
START/ END contact	OPEN : turn off measurements      SHORT : turn on measurement
Interlock	OPEN : disable to measure      SHORT : able to measure
· Interface	RS-232C
· Size	427mm×380mm×197mm (W×D×H, without projection)
· Weight	15kg

Specifications are subject to be changed without prior notice.

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# SOKEN

1-34-22, TOBITAKYU  
CHOFU, TOKYO 182-0036  
JAPAN

TEL: 81 42 490 6929 (Export Dept)  
FAX: 81 42 490 6807  
[www.soken-jp.com](http://www.soken-jp.com)



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