

C & tan δ meter DAC-ASC-5 CAPACITANCE AND tan δ MEASURING SET



First Accurate and Repeatable

Checking the quality of AC Capacitor

- Features**
- Measuring Range: 0.01 μ F ~ 200 μ F (1100 μ F)
 - Measuring Time: 1.0 second or less
 - GP-IB is provided, all programmable and controlled by PC
 - Best Selector for capacitor production line

SOKEN ELECTRIC CO., LTD.

<http://www.soken-jp.com>

C & tan δ メータ DAC-ASC-5

CAPACITANCE AND tan δ MEASURING SET

Features

Testing capacitors should take long time. And, it has been required for the measuring instrument to save the time, measure first and even high accurately as well as with repeatability for years. Now, we've launched new model, DAC-ASC-5, so that the test can be executed in a shorter time with the best accuracy and repeatability. A newly designed comparator is introduced inside to balance in 1 second or less, and give measured data by 1.5 times faster than a conventional testing equipment. DAC-ASC-5 is compact in size and weight, and provided with GP-IB interface as standard to control with a PC. Therefore, the set is applicable for automating testing system in wide ranges. Moreover, the conventional judging function for capacitance error and tan δ can be set through GP-IB interface, and is allowed to set a separate judging range in accordance with the testing condition of each test object. DAC-ASC-5 can greatly contribute to lead to better productivity for your inspection line.

Specification

■ Cx < 200 μ F Range

- Testing voltage: AC100V~600V 50/60Hz
- Test Range

Capacitance	0.01 μ F~200 μ F (Δ C \pm 40.0%)
tan δ	0~20.00%
- Resolution:

Capacitance(Δ C)	0.01%
tan δ	0.001%
- Accuracy:

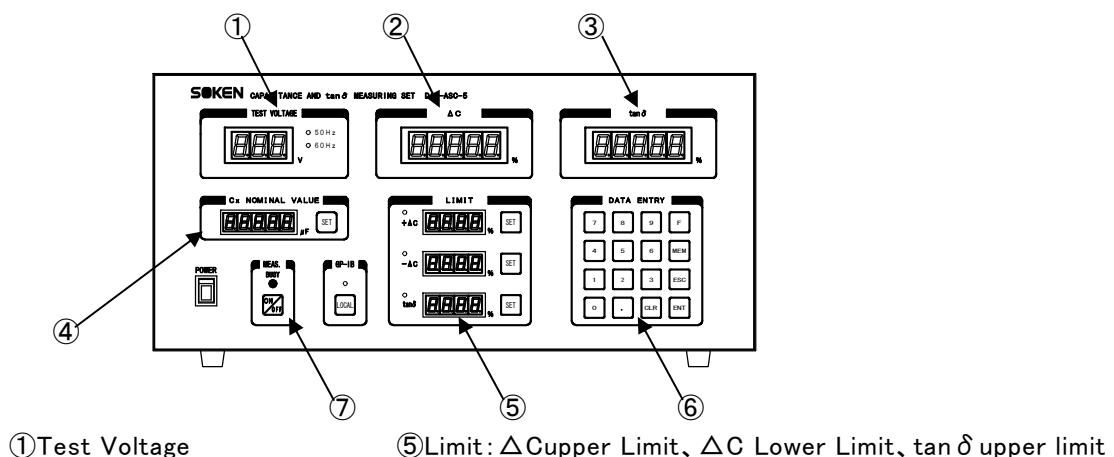
Capacitance(Δ C)	\pm (0.2%+3%Rdg)
tan δ	\pm (0.01%+3%Rdg)
- Measuring Time: 1 second or less
- Interface: GP-IB/Admission Decision Output(Photo-coupler)
- AC Source: AC85V~250V 50/60Hz
- Size and Weight: W430 * H200 * D385(mm) 20kg
- Accessories:

1) Measuring Cable (H,L)	2
2) AC Code	1
3) Grounding cable	1

■ Cx < 1100 μ F Range

Switich Unit and CT&Cs Unit are required to combine with DAC-ASC-5.

Front Panel



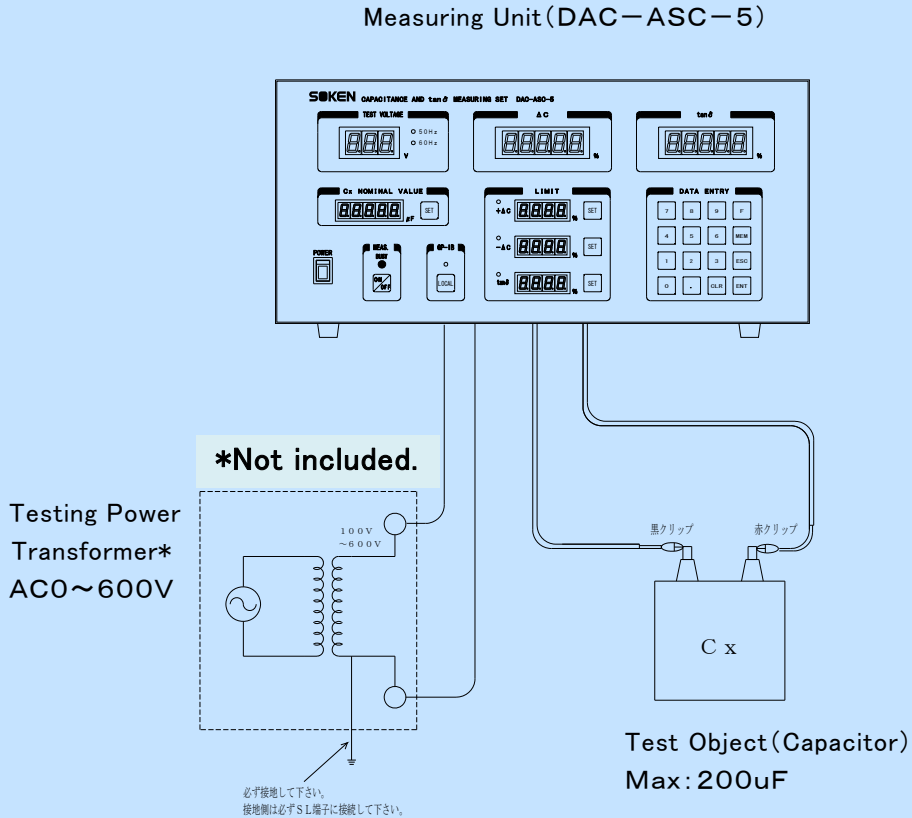
C & tan δ メータ DAC-ASC-5

CAPACITANCE AND tan δ MEASURING SET

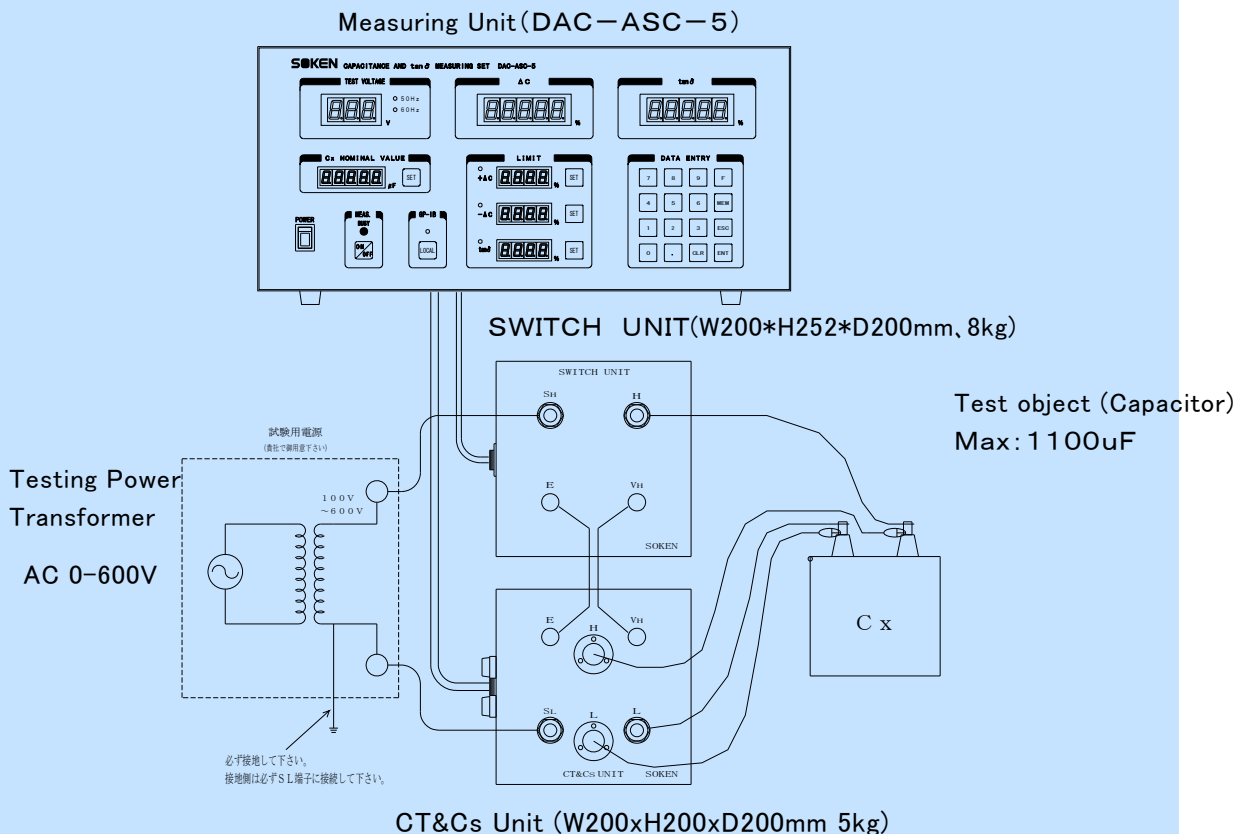
- ② Capacitance Error (ΔC)
- ③ tan δ
- ④ Nominal Capacitance Value
- ⑥ Data Input Numeric Key
- ⑦ Measure SW

Connection Diagram

● $C_x < 200 \mu F$ range



● $C_x < 1100 \mu F$ Range



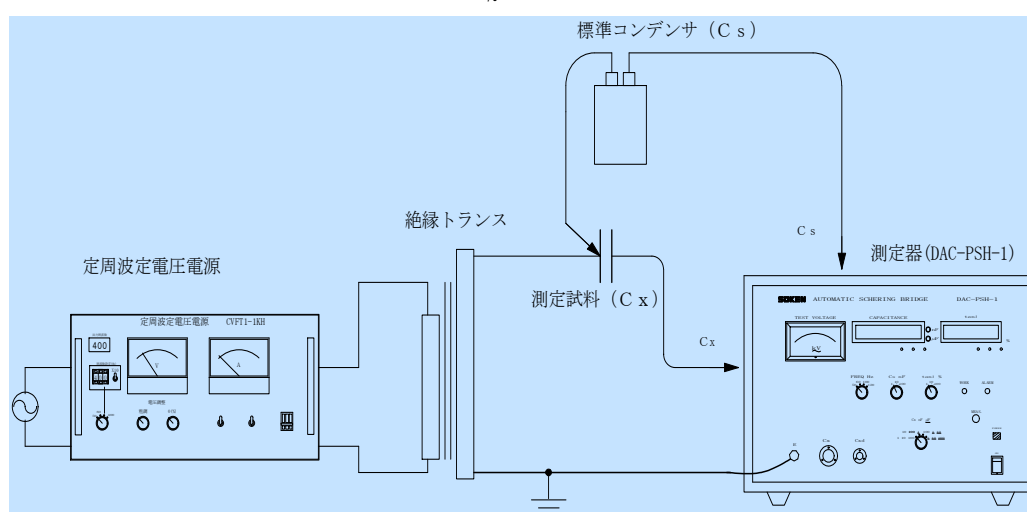
Precious Automatic Schering Bridge DAC-PSH-1

AUTOMATIC SCHERING BRIDGE Series

The set introducing a fully automatic current comparator bridge has been developed to measure dissipation power factor, $\tan \delta$, and capacitance in such wide range as much below as 5 voltages to 20kV. The resolution for measuring $\tan \delta$ goes down to 0.001% and Maximum measuring range is 100%. It is available at a various different measuring frequency at 50Hz, 60Hz, 100Hz and 120Hz, which is applicable for testing Ceramic Capacitor and insulating materials.

■ Test Specimen Capacitor, Insulator, Insulating material

- Feature
- $\tan \delta$ resolution: 1×10^{-5}
 - Test Frequency: 50, 60, 100, and 120Hz
 - Measuring Range: Test Voltage AC5V – 20kV
Capacitance 100pF– 100 μ F
 $\tan \delta$ 0 – 100%



■ Specification

	Standard capacitor		
	1nF	10nF	100nF
Test Voltage	200V~20kV	30V~2kV	5V~200V
Measuring Range			
Capacitance	100pF~1 μ F	1nF~10 μ F	10nF~100 μ F
$\tan \delta$	0~100%	(3レンジ) 0~1%、0~10%、0~100%	
Resolution	Capacitance 0.01pF	$\tan \delta$ 0.001%	
Interface	BCD standard (Option GP-1B、RS-232C)		
Power Supply	AC100V \pm 10% 50/60Hz		
Size and Weight	W510 * H330 * D330 (mm) 25kg		
Accessory	1) Standard Capacitor Connection Cable 1		
	2) Measuring Cable 1		
	3) AC code 1		
	4) Grounding cable 1		
	5) Carrying bag 1		

SOKEN

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