



*Transparent Testing &
Simplified Measurement*

CAPACITANCE & TAN DELTA TEST KIT SBE - CTD AUTO SBE - CID AUTO





SALIENT FEATURES

- Digital Display for CAPACITANCE & TAN DELTA.
- No need for Calculation.
- SAVING OF Result and INTERACTIVE DOWNLOAD SOFTWARE.
- High Resolution.
- Safety Properties Incorporated.

APPLICATION FIELD

- Power Systems.
- Generators.
- Motors.
- High Voltage Laboratories.
- HT Transformers.
- Bushing.
- Power Cables.
- Power Capacitors.

SAFETY FEATURES

- ZERO START Control.
- HT cut on off Overload.
- HT ON & SUPPLY ON Indication.
- All operating controls at Earth Potential.
- Necessary terminals & Sockets for connection.
- Grounding Protection Function.
- Electric Shock protection Function.

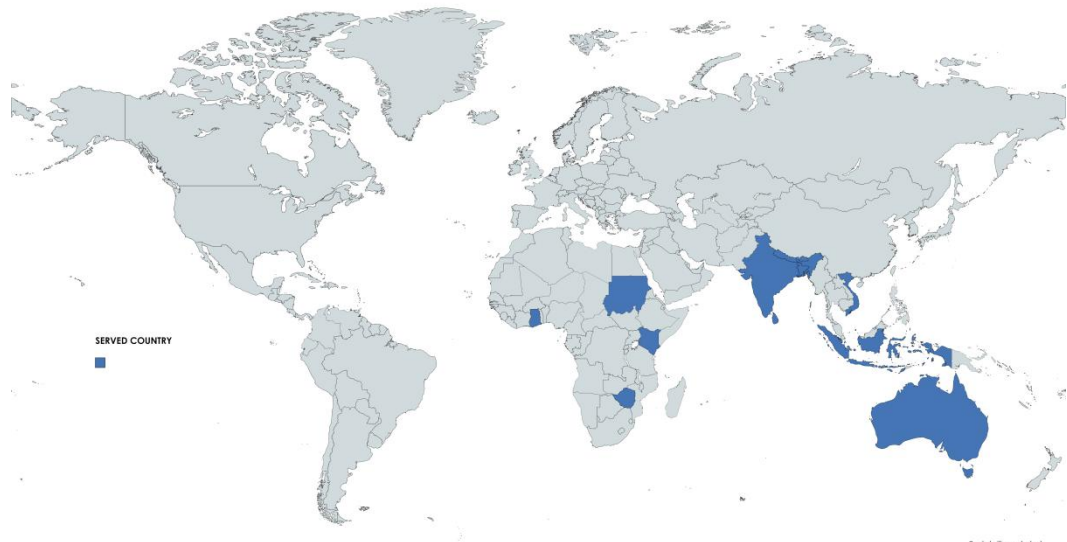




TECHNICAL DATA

Accuracy :	Cx :	$\pm(\text{reading} \times 1\% + 1\text{pF})$
	Tg δ :	$\pm(\text{reading} \times 1\% + 0.00040)$
Anti-Interference Index :	Frequency conversion anti-interference, in 200% interference can still achieve the above accuracy.	
Capacitance Range :	Internal High Voltage :	3pF~60000pF/10kV 60pF~1 μ F/0.5kV
	External High Voltage :	3pF~1.5 μ F/10kV 60pF~30 μ F/0.5kV
	Resolution:	Maximum to 0.001pF, 4 significant digits
tg δ Range:	No limitation, resolution 0.001%, capacitance, inductance, resistance can be automatically identified	
Test Current Range:	5 μ A~5A	
Internal High Voltage :	Voltage setting range	0.5~10kV
	Maximum output Voltage	200mA
	Voltage lifting mode	Voltage setting arbitrarily.
	Test frequency	Single frequency set at will(45-65Hz). Automatic dual variable frequency set at will (from 50 \pm 0.1Hz to 50 \pm 10Hz) Automatic dual variable frequency set at will (from 60 \pm 0.1Hz to 60 \pm 10Hz)
	Frequency resolution	\pm 0.01 Hz
External High Voltage :	Maximum test current 5A, Power frequency or variable frequency 45-65 Hz, during Positive connection.	
	Maximum Test Current 10 kV / 5A, Power frequency or variable frequency 45-65 Hz, during reverse connection.	
CVT Self-Exciting Low Voltage Output:	Output Voltage 3-50 V, Output Current 3-30A	
Measuring Duration:	About 40s, Depending on Measuring Method.	
Input Power :	180 V – 270 VAC, 50 Hz \pm 1%	
Computer Interface:	Standard RS232 Interface.	
Printer :	Mini-Type Thermal Printer.	
Ambient Temperature :	-10°C ~ 50°C	
Relative Humidity:	< 90 %	
Dimensions :	460 mm X 360 mm X 350 mm	
Weight :	28 KG	

OUR PRODUCT IS SERVING THROUGHOUT THE GLOBE



CONNECT WITH US :



SBE FACEBOOK



SBE YOUTUBE



SBE LINKEDIN



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