

STANDARD CAPACITOR



Description :

Eltel standard capacitors are extremely stable, low - loss capacitors designed for use in laboratories and testing departments. The model is of three terminal design and is insulated with pressurised Sulphur Hexaflouride (SF6) gas.

Application :

The compressed gas capacitor has become indispensable as a reference standard in bridge circuits such as for Capacitance and Dissipation factor (C & DF) measurements. Standard capacitors are also used as voltage dividers for precision measurement of AC voltages, including peak and surge values, and for use when measuring the errors of Voltage Transformers.

Specification :

Model Number	SC15100	SC15200	SC151000	SC33100	SC33200
Rated Voltage (rms)	15 kV	15 kV	15 kV	33 kV	33 kV
Test Voltage (rms)	18 kV	18 kV	18 kV	36 kV	36 kV
Nominal Capacitance	100 pF	200 pF	1000 pF	100 pF	200 pF
Tolerance of measred value	1%	1%	1%	1%	1%
Dissipation Factor	<10 ⁻⁴	<10 ⁻⁴	<10 ⁻⁴	<10 ⁻⁴	<10 ⁻⁴
Partial Discharge	<10 pc	<10 pc	<10 pc	<10 pc	<10 pc
Gas pressure	30 PSI	30 PSI	30 PSI	30 PSI	30 PSI
Design	Parallel plate	Parallel plate	Parallel plate	Parallel plate	Parallel plate
Height	550mm	550mm	550mm	550mm	550mm
Weight	Approx 12 kg	Approx 14 kg	Approx 20 kg	Approx 13 kg	Approx 15 kg

OTHER PRODUCTS

- * Manual & Automatic Transformer Ratio Meters.
- * Digital Micro Ohm Meters. with built in 100Amp source.
- * Manual & Automatic Transformer Winding Resistance & On Load Tap Changer Test sets.
- * Automatic CT/PT Test sets & Systems
- * Automatic & Semi Automatic HV Capacitance & Tan Delta Test sets, 10 kV Oil Test Cell.
- * Manual & Automatic Tan Delta & Resistivity Test sets for Transformer Oil, Solid Test Cell.
- * Portable LV Manual & Automatic Capacitance and Tan Delta Test sets.

ELTEL INDUSTRIES

311 EMBASSY CENTRE, CRESCENT ROAD,
BANGALORE-560 001, INDIA

TEL : 91-80-22255467, 22205686, 22284253, 22284298

FAX : 91-80-22252733

E-mail: marketing@eltelindustries.com

Website: <http://www.eltelindustries.com>

Works : Plot No. 39, KIADB Industrial Area, Veerapura,
Doddaballapur, Bangalore – 561 203, INDIA

TEL : 91-80-7630350, 7630366, 7630367, 7630368 FAX : 91-80-7630351

CHENNAI: 044-24312849/24339075 * KOLKATA: 033-24765536/ 24752394

MUMBAI: 022-25383960/25398358 * NEW DELHI: 011-29810252/29815746

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