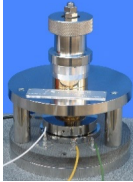




DESIGNATION	SOLID DIELECTRIC SAMPLE TEST CELL 2 kV		
<p>Vettiner Reference <u>Heating regulating system available as well protection according to customer expectation</u></p> <p>Dimensions & Weight</p> <ul style="list-style-type: none"> • Height (mm) • Base Ø (mm) • Head Ø (mm) • Side □ (mm) • Weight (Kg) 	<p>SCS 50/66 H Product</p>  <p>300 mm 220 mm 80 mm N.A. 9 kg</p>	<p>SCS 50/66 H PACK Container</p>  <p>400 mm N.A. N.A. 300 x 300 mm 3 kg</p>	<p>SCS 50/66 H WOI Wooden packing</p>  <p>400 mm N.A. N.A. 300 x 300 mm # 4.0 kg ± 20 %</p>
<p>Main Application</p> <ul style="list-style-type: none"> • Solid insulating materials (non exhaustive list) • HV AC Tan δ & Capacitance test • HV AC Permittivity test • HV DC Resistivity test 	<p>Paper, plastic foils, elastomer, XLPE, glass, ceramics etc...</p> <p style="text-align: center;">✓ ✓ Consult us</p>		
<p>Main Characteristics</p> <ul style="list-style-type: none"> • Technology • Operating surface of measured electrode • Diameter of measuring electrode • Operating surface covering sample • Minimum size of sample (For easy handling keeping guard electrode benefit) • Maximum size of sample (For easy handling keeping guard electrode benefit) • Insulating material • Inter Electrode Distance (Between HV & Cx) / Adjusting Resolution • Minimum / Maximum thickness of sample • Nominal Voltage • Maxi Tested Voltage • Empty Capacitance • Empty Tan delta • Operating Frequency • Temperature of Tests (Recommended in Oven for this reference) • Special PT 100 sensor socket for Temperature Test cell 	<p>Three Terminals Stainsteel Test Cell</p> <p>50 cm² (*) 79.8 mm (*) 66 cm²</p> <p>Ø 110 mm or □ side 110 mm (*) Ø 140 mm or □ side 140 mm (*) Glass compound / Ceramics</p> <p>0 - 10 mm / 0.01 mm 0.1 mm (Preferably 0.2 mm) / 5 mm (*) 2 kV (# Same model possible up to 5 kV) 2.2 kV (# Same model possible up to 5.5 kV)</p> <p>43.25 pF / 1 mm (*) ≤ 1.10⁻⁵ 1 Hz up to 1 kHz Ambient to 150 °C (Possible up to 200°C or 300 °C in option) PT 100 sensor</p>		
<p>Vettiner Benefit</p> <ul style="list-style-type: none"> • Compliance to International Standards & recommendations • Voltage coefficient ΔC / [0-Un] • Capacitance stability / year • Adjustment / Nominal capacitance • Accuracy / Capa. Vett. calibration • Accuracy / Capa. Ext. calibration • No or reduced Maintenance • Sturdiness & reliability over time • Total operator safety & easy use • 2 years warranty • After sales service 	<p>IEC, NFC, VDE, ASTM, IS, CIGRE, ...</p> <p>< 10 ppm / kV < ± 0.5 % ≤ 5.0 % 0,05% ≤ 0,02%*</p> <p style="text-align: center;">✓ ✓ ✓</p> <p>2 years included, 3 or 5 or 10 years in option 10 years guaranteed, over 50 years recorded</p>		
<p>Temperature coeff.</p> <ul style="list-style-type: none"> • Temperature coeff. ΔC / °C 	<p>< 1.10⁻⁵ / °C</p>		
<p>Environment</p> <ul style="list-style-type: none"> • Operating temperature • Storage temperature • Operating Hydrometry • Altitude 	<p>- 25 °C up to + 50 °C - 55 °C up to + 70 °C</p> <p>up to 70% & if H ≥ 70%, Ambient temperature 5°C mini > dew point temp. up to 1000 m, consult us for eventual application at higher elevation</p>		
<p>Accessories & Options</p> <ul style="list-style-type: none"> • Set of measuring cables & instruments (XX meters long) • Higher voltage test cell (2.5 kV, 5 kV, 10 kV, 30 kV... 100 kV) • Other Maxi Temperature • Temperature control unit • Pressure control • Vacuum facility • Gas fill in facility 	<p>Reference</p> <p>TCA-SPC XX</p> <p>H XXX</p> <p>OVEN</p> <p>PC</p> <p>VC</p> <p>GFC</p>	<p>Under Request Under Request 3 possibilities : 150 °C, 200 °C & 300 °C maxi Under Request NC (None Compatible) with this model NC with this model NC with this model</p>	
<p>Freight & Packaging</p> <ul style="list-style-type: none"> • Important Note 	<p>No specific requirement, except shock protection for freight</p>		
<p>Calibration</p> <ul style="list-style-type: none"> • Vettiner certificate included • External laboratory calibration 	<p style="text-align: center;">✓</p> <p>ISO 17 025 under Request</p>		

Some of the above technical data are valid at the above mentioned date but could change without any notice (Ex. dimensions or weight or else...)

(*) Better on demand

