

## Impulse Generator SMIMP-10kV

**MADE IN  
INDIA**



Impulse Generator is designed for test requirements with high reliability, intelligent control, user-friendly design and many other features. The object of this product is to produce 10kV pulse as per IEC62368-1, table D.2 circuit 3, as per previous standard IEC60950 and IEC60065.

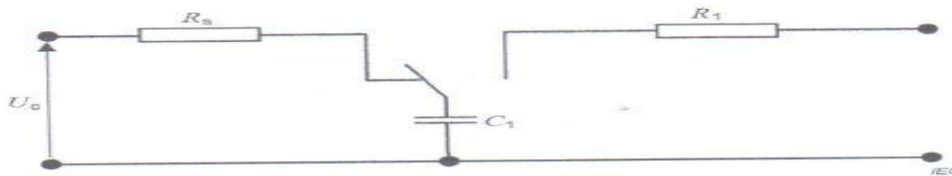


Figure D.2 – Antenna interface test generator circuit

	Figure	R <sub>s</sub>	C <sub>1</sub>	C <sub>2</sub>	R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>
Circuit 3	D.2	15MΩ	1nF	-	1kΩ	-	-

### Advance Features

- Impulse Generator system is fully compliant as per new standards of IEC62368-1, IEC60950, IEC60065
- Switch according to IEC60065, including 4MΩ load resistor, selectable
- Easy Programmable operation by front panel setting
- Large 7 Inch Touch Screen LCD with intelligent control panel
- Emergency Stop button at front panel
- Optional Software for remote control & PC operation
- Impulse test with fully automatic switching without human operation.
- Optionally available NABL/ISO17025 accredited calibration

Technical Specifications	SMIMP-10kV
Output Voltage	10 kV $\pm$ 3% (at bulk capacitor)
Voltage Display Accuracy	$\leq \pm$ 1%
Internal Capacitor (C1)	1nF
Internal Virtual Resistor	1000 $\Omega$ $\pm$ 3%
Output Impedance	15M $\Omega$
Relay Switch	As per IEC/EN60065
Polarity	Positive
Trigger Mode	AUTO/MANUAL/EXTERNAL SIGNAL TRIGGER
Surge count	1 ~ 9999
Surge interval	5 ~ 9999 s
Display Screen	7 Inches LCD color touch screen
Mains supply	AC 230 V, $\pm$ 10%, 50 Hz /60 Hz
Communication port	USB
Ambient Temperature	0 $^{\circ}$ C to 50 $^{\circ}$ C
Relative Humidity	<85% non condensing
Standard Supply	<ul style="list-style-type: none"> <li>- Main Equipment, qty 01</li> <li>- Mains cord, qty 01</li> <li>- High Voltage test leads, 1 mtr, 01 pair</li> <li>- Operating Manual, qty 01</li> <li>- Factory test report, qty 01</li> </ul>
Optional accessories	- Software for remote control & PC operation

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