













HIPOT TESTER

A DIELECTRIC STRENGTH TESTER PROVIDES A HIGH VOLTAGE TEST IN ORDER TO CHECK THE QUALITY OR SOME CURRENT LIMITS DEFINED IN THE INTERNATIONAL STANDARDS

This high voltage test (also called dielectric strength test, hipot test, hi-pot test, breakdown test or flash test) is made to stress the device under test to an AC or DC high voltage and check that there is no breakdown nor perforation happening. A hipot tester also checks that insulation distances and distances in the air are respected

Sefelec hipot tester range	Dielectric strength / Hipot test AC voltage	Dielectric strength / Hipot test DC voltage	Current	Detection type	Interface	Software (in option)
<u>RXS50 Hipot tester</u> 	5kV	No	10mA AC	Delta I+Imax	RS232 included GPIB, PLC, Ethernet in option	SXS Pro
<u>RXS56 Hipot tester</u> 	5kV	6kV	10mA AC 4mA DC	Delta I+Imax	RS232 included GPIB, PLC, Ethernet in option	SXS Pro
<u>RXS500 Hipot tester</u> 	5kV	No	110mA AC	Delta I+Imax	RS232 included GPIB, PLC, Ethernet in option	SXS Pro
<u>RXS506 Hipot tester</u> 	5kV	6kV	110mA AC 50mA DC	Delta I+Imax	RS232 included GPIB, PLC, Ethernet in option	SXS Pro
<u>EXS3200-HV High Voltage switching matrix</u> 	5kV	6kV	110mA AC 40mA DC	Delta I+Imax	RS232, dry contacts, USB (option)	SXS Pro-EXS

<p><u>PREMIER 2801 Hipot tester</u></p> 	5kV	No	40mA AC	Delta I+Imax	RS232, USB, signal I/O included	No
<p><u>PREMIER 2802 Hipot tester</u></p> 	5kV	6kV	40mA AC 10mA DC	Delta I+Imax	RS232, USB, signal I/O included	No
<p><u>RMG15AC Hipot tester</u></p> 	15kV	No	35mA AC	Delta I+Imax	RS232, GPIB, PLC, 0-10V in option	SMG Pro
<p><u>RMG12DC Hipot tester</u></p> 	No	12kV	10mA DC	Delta I+Imax	RS232, GPIB, PLC, 0-10V in option	SMG Pro
<p><u>RMG12AC-DC Hipot tester</u></p> 	12kV	12kV	40mA AC 10mA DC	Delta I+Imax	RS232, GPIB, PLC, 0-10V in option	SMG Pro
<p><u>Programmable DT tester</u> <u>Very high voltage Hipot</u> <u>tester</u></p> 	5-400kV	5-400kV	up to 400kVA	Imax	RS232 in option	Test lab
<p><u>Manual DT tetser</u> <u>Very high</u> <u>voltage Hipot tester</u></p> 	5-400kV	5-400kV	up to 400kVA	Imax	No	No

<u>DTMG series Hipot tester</u>	5-50kV	option	up to 500VA	Delta I + I _{max}	RS232, GPIB, PLC in option	DTPG Pro
<u>DTPG series Hipot tester</u>	5-50kV	option	up to 5000VA	Delta I + I _{max}	RS232, GPIB, PLC in option	DTPG Pro