

## SPECIFICATIONS

### MODEL ST103E / ST203E

#### SURGE TEST

Output Voltage	0 - 3000 volts
Max Output Current	230 amps
Pulse Energy	0.324 joules
Sweep Range	10 $\mu$ s - 100 $\mu$ s
Repetition Rate	60Hz (ST103E) 50Hz (ST203E)

#### DC HIGH POTENTIAL TEST

Output Voltage	0 - 3000 volts
Max Output Current	2000 amps
Current Resolution	2/20/200 $\mu$ amps/div
OverCurrent Trip Settings	20/200/2000 $\mu$ amps

#### CHARACTERISTICS

Weight	35 lbs 16 kilograms
Dimensions (WxHxD)	406 x 178 x 451 mm 16 x 7 x 17 inches

Power Requirements	ST103E	120 VAC / 60 Hz / 110 Watts
	ST203E	220 VAC / 50 Hz / 110 Watts

#### ENVIRONMENTAL

The tester should only be operated in temperatures ranging from 0° - 100° Fahrenheit (-17.8° - 37.8° Celsius).

Humidity will affect the operation of the instrument. As with all insulation dielectric or resistivity measurements, humidity will affect the condition of the insulation of the apparatus under test and therefore measurements taken.

This instrument is not water proof or sealed against water entry.

**STORAGE (Indoor/Outdoor):** The tester should only be stored in temperatures ranging from 0° - 120° Fahrenheit (-17.3° - 48.9° Celsius).

As with all electrical insulation or dielectrics humidity will affect the condition of the instrument's insulation over time. Relative humidity of the storage environment should be less than 50 percent.

This instrument is not water proof or sealed against water entry. It should not be stored in any location where water entry to the instrument may occur.