

**TABLE 1-1. MODEL M100DC SPECIFICATIONS**

<b>Test Voltage and Current</b>	User specified up to 5000 VDC, 40 microamperes to 10 milliamperes full scale current. (5 milliamperes is standard).
<b>NOTE</b>	
	Test cycle, voltage and current can be set to certification agency "dielectric withstand" test requirements for specific product.
<b>High Voltage Shutdown</b>	Within 2 milliseconds after a fault is detected (electronic shutdown circuits).
<b>Resolution (Output Voltage Control)</b>	2.5 V
<b>Voltage Rate of Rise Time</b>	50V/sec to 5000V/sec (adjustable).
<b>Automatic Test Cycle</b>	1 second to 90 seconds (adjustable).
<b>Initial Turn-On Period</b>	Requires 2 seconds normally for safety ground test before starting hipot test.
<b>Technique</b>	Switching Power Generator.
<b>Safety Ground Continuity</b>	Reject level: 0.1 to 0.5 ohm, <u>1</u> 0.01 ohm; operates whenever ground is connected.
<b>Accuracy (Current &amp; Voltage)</b>	Better than 1%.
<b>Resolution (Output Current)</b>	4 Microamperes.
<b>Ripple</b>	1% at full load, 0.05% at zero current.

TABLE 1-1 MODEL M100DC SPECIFICATIONS (Cont'd)

Input Power	120/240-VAC, 44/66-Hz, 300 watts, max.
Regulation	0.05% at full load.
Environmental Operating Temperature	0° to 50° C (32° to 122° F)
Exterior Color	Mint-Gray/ Olive-Gray
Weight	24 lbs (10.9 Kg) Net, 29 lbs. (13.15 Kg) Shipping.
Dimensions	16-3/4 x 11 x 13-1/4 inches (43 x 26 x 34 cm).