

ITC59100

test measurement unit (TMU)



AC power requirements	<i>AC power is supplied to the ITC59000, which distributes DC power to the TMU's.</i>										
mechanical specifications	<i>Physical Dimensions:</i>	<table border="0"> <tr><td>Height:</td><td>10" (25.4 cm)</td></tr> <tr><td>Width:</td><td>1.5" (3.8 cm)</td></tr> <tr><td>Depth:</td><td>17" (43.2 cm)</td></tr> <tr><td>Weight:</td><td>1 lb. (0.5kg)</td></tr> </table>	Height:	10" (25.4 cm)	Width:	1.5" (3.8 cm)	Depth:	17" (43.2 cm)	Weight:	1 lb. (0.5kg)	
Height:	10" (25.4 cm)										
Width:	1.5" (3.8 cm)										
Depth:	17" (43.2 cm)										
Weight:	1 lb. (0.5kg)										
<i>NOTE: Each type of TMU requires a special measurement pod be connected to the TMU. This pod is connected as close as possible to the handler of the DUT so as to reduce noise and to improve measurement accuracy.</i>											
Qg specifications	<i>Drain Current Regulators:</i>	<table border="0"> <tr><td>Range:</td><td>1-100 Amps</td></tr> <tr><td>Resolution:</td><td>0.1 A</td></tr> </table>	Range:	1-100 Amps	Resolution:	0.1 A					
Range:	1-100 Amps										
Resolution:	0.1 A										
	<i>Gate Voltage Range:</i>	<table border="0"> <tr><td>Range:</td><td>+/-1 to +/-20 V</td></tr> <tr><td>Resolution:</td><td>+/-0.1 V</td></tr> </table>	Range:	+/-1 to +/-20 V	Resolution:	+/-0.1 V					
Range:	+/-1 to +/-20 V										
Resolution:	+/-0.1 V										
	<i>Gate Current:</i>	<table border="0"> <tr><td>Range:</td><td>+/-0.1 to +/-10 mA</td></tr> <tr><td>Resolution:</td><td>+/-0.1 mA</td></tr> </table>	Range:	+/-0.1 to +/-10 mA	Resolution:	+/-0.1 mA					
Range:	+/-0.1 to +/-10 mA										
Resolution:	+/-0.1 mA										
Rg test specifications	<i>Rg Test Range:</i>	<table border="0"> <tr><td>Range:</td><td>0.1 to 50 Ohms</td></tr> <tr><td>Accuracy:</td><td>+/-2% +/- 0.1 Ohms</td></tr> </table>	Range:	0.1 to 50 Ohms	Accuracy:	+/-2% +/- 0.1 Ohms					
Range:	0.1 to 50 Ohms										
Accuracy:	+/-2% +/- 0.1 Ohms										
	<i>Rg DUT Input Capacitance Range:</i>	<table border="0"> <tr><td>Range:</td><td>300 pF to 250 nF</td></tr> </table>	Range:	300 pF to 250 nF							
Range:	300 pF to 250 nF										
safety features	<ul style="list-style-type: none"> <i>High-Voltage Interlock</i> <i>Drain Current Limit</i> <i>Gate Voltage Limit</i> <i>Gate Current Limit</i> <i>Very Low Test Duty Cycle</i> 										
environmental requirements	<i>Environment</i>	<table border="0"> <tr><td>Operating</td><td>Storage</td></tr> <tr><td>Ambient Temperature</td><td>73° F + -5° F</td><td>20° F to 120° F</td></tr> <tr><td>Humidity Max (noncondensing)</td><td>90% RH</td><td>0% to 90% RH</td></tr> </table>	Operating	Storage	Ambient Temperature	73° F + -5° F	20° F to 120° F	Humidity Max (noncondensing)	90% RH	0% to 90% RH	
Operating	Storage										
Ambient Temperature	73° F + -5° F	20° F to 120° F									
Humidity Max (noncondensing)	90% RH	0% to 90% RH									

Note: Specifications subject to change without notice.

INTEGRATED TECHNOLOGY CORPORATION
 1228 North Stadem Drive • Tempe, Arizona 85281 USA • Phone 480-968-3459 • Fax 480-968-3099
 Sales@IntTechCorp.com

... spec sheet ...