

# ITC59000

test platform



<b>AC power requirements</b>	<p><i>NOTE: ITC recommends that each tester be supplied AC power through an uninterrupted power supply. The UPS will protect against test data loss in the event of an AC failure and will also provide AC line filtering to further protect the test data.</i></p> <p>AC Input:                      90 to 265 Vac                      50/60 Hz Universal Input                      Max Current: 6A</p> <p><i>NOTE: Fuses are 10 Amp 5 x 20mm fuses. The fuse holder covers both legs of the AC line, so that if 230 V is connected, both lines are fused.</i></p>																						
<b>mechanical specifications</b>	<p>Physical Dimensions:</p> <p>Height:                      10.5" (26.7 cm)</p> <p>Width:                      17" ( 43 cm)</p> <p>Depth:                      19.5" (49.5 cm)</p> <p>Weight:                      35 lbs. (16 kg) without TMUs + 1.5 lbs. (0.7 kg) per TMU</p>																						
<b>Vdd voltage</b>	<p><i>Four 100 watt Vdd power supplies are located in the ITC 5900, one for each TMU. Each TMU can enable or disable its Vdd supply as needed.</i></p> <p>Vdd Power Supply Range: Range:                      1-100 V Resolution:                      +0.5 V</p> <p><i>NOTE: Vdd power supply voltage is always set to 100 volts for the ITC 59100 Qg/Rg TMU but the voltage across the DUT is controlled by the TMU's clamp circuit. The DUT sees only the voltage the clamp circuit allows, which is a user settable parameter.</i></p>																						
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<b>safety features</b>	<p>High-Voltage Interlock Drain Current Limit Gate Voltage Limit Gate Current Limit Very Low Test Duty Cycle</p>																						
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*Note: Specifications subject to change without notice.*

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