

# Specifications

Item	Mechanical Shock Test System
Details	<p>I. End-user's Use Mechanical shock test system is used for high impact shocks for aerospace EEE(Electrical, electronic, electromechanical) component parts. Test will be conducted by MIL-STD-883K method 2002, Test condition B.</p> <p>II. Code &amp; Standards MIL-STD-883K method 2002, Test condition B.</p> <p>III. Configurations of Goods</p> <ol style="list-style-type: none"> <li>1. PC Based Mechanical Shock Test System for 0.2 - 2.0</li> <li>2. Millisecond Pulse Widths System Includes: <ol style="list-style-type: none"> <li>1) PCI Card and Software</li> <li>2) Power Module</li> <li>3) Shock Tower 2000 FLb.</li> <li>4) PC-Premium Desktop Complete</li> <li>5) Shock Platen</li> <li>6) Strike Pads (2 Each)</li> <li>7) Shock accelerometer</li> <li>8) Associated Cables and Operation/ Maintenance Manual</li> <li>9) Calibration Certificate</li> </ol> </li> </ol> <p>IV. Performance and Specification</p> <ol style="list-style-type: none"> <li>1. Specifications : <ol style="list-style-type: none"> <li>1) High impact half sine pulses to 5000 Gs – 0.2 to 2.0 milliseconds</li> </ol> </li> <li>2. Controller : <ol style="list-style-type: none"> <li>1) Type : Programmable PC</li> <li>2) Shock waveform : Half sine</li> <li>3) Shock duration selectable : 0.2 – 2.0 milliseconds</li> <li>4) Pulse output programmable : 0-5000 Gs peak</li> </ol> </li> </ol>

	<p>3. Shock tower :</p> <ol style="list-style-type: none"> <li>1) Type : Electrodynamic</li> <li>2) Force pounds : 2000LBF peak sine</li> <li>3) Stroke : 1.00 inch</li> <li>4) Velocity : 240 inches per/sec</li> </ol> <p>4. Accelerometer :</p> <ol style="list-style-type: none"> <li>1) Type : Voltage mode</li> <li>2) Range : 10.000 Gs</li> <li>3) Power : +18VDC Unity gain</li> </ol> <p>V. Remarks</p> <ol style="list-style-type: none"> <li>1. Warranty : 1 year after installation and test-run</li> <li>2. Operation and maintenance manual will be delivered</li> <li>3. Delivery : Within 180 days after receipt of Order</li> </ol>
--	---