

## DriveMaster ATAPI Script Library Summary

Category	Script Outlines
<b>SATA IF Protocol Tests</b>	<ul style="list-style-type: none"> <li>• OOB</li> <li>• BIST</li> <li>• HBA Reset</li> <li>• COMRESET</li> <li>• Software Reset</li> <li>• Device Reset</li> <li>• R-ERR/R_OK</li> <li>• Software Setting Preservation</li> <li>• PHY Event Counter</li> <li>• Host Initiated Power Management</li> <li>• Device Initiated Power Management</li> <li>• Asynchronous Signal Recovery</li> <li>• Asynchronous Notification</li> </ul>
<b>CAM Tests</b>	<ul style="list-style-type: none"> <li>• ATA Command Protocol (ATA-8)</li> <li>• All ATAPI Command Protocol (Mt. Fuji 7.0)</li> <li>• All Transfer Modes Tests</li> <li>• Standard, Error, Corner CDB Tests</li> <li>• Device Configuration, Profile, Feature Validation</li> <li>• Immediate Bit Tests</li> </ul>
<b>Feature Tests</b>	<ul style="list-style-type: none"> <li>• Hard Reset Tests</li> <li>• Soft Reset Tests</li> <li>• ATA Power Management Tests</li> <li>• Identify Command Tests</li> <li>• DCO Tests</li> <li>• Authentication Tests</li> <li>• DVD Regional Playback Control Tests</li> </ul>
<b>Readability/Writability Tests</b>	<ul style="list-style-type: none"> <li>• All CD Format Readability</li> <li>• All DVD Format Readability</li> <li>• All BD Format Readability</li> <li>• ABEX Test Media (CD/DVD/BD) Readability</li> <li>• Unbalanced Media Readability</li> <li>• All Brand Name Media Writability</li> <li>• Buffer Under-Run Tests</li> </ul>
<b>Performance Tests</b>	<ul style="list-style-type: none"> <li>• All Media R/W Data Transfer Rate (CD/DVD/BD)</li> <li>• DVD Video Playback Rate</li> <li>• Device Ready Time from Different Power States (Power Cycle, Standby, Sleep)</li> <li>• All Media Recognition Time (CD/DVD/BD)</li> <li>• Sequential/Random/Butterfly/Triangular Read/Seek Time</li> <li>• PATA Burst Transfer Rate</li> <li>• Media Erase Time</li> <li>• Media Format Time</li> <li>• Microsoft Windows Native Burn Engine Simulation</li> </ul>
<b>Regression Tests</b>	<ul style="list-style-type: none"> <li>• Random/Sequential/Butterfly/Triangular Read &amp; Data Compare</li> <li>• Write and Data Compare</li> <li>• Command Execution under SATA IF Power Management Modes</li> <li>• Seek Tests</li> <li>• Tray In/Out</li> </ul>
<b>Utilities</b>	<ul style="list-style-type: none"> <li>• Drive Information</li> <li>• Media Information</li> <li>• Blank Media</li> <li>• Format Media</li> <li>• Disc Copy</li> <li>• Tray In/Out</li> </ul>