Drive Genius's 10 Feature Overview

1. REPAIR is a tool that looks for errors on your drive. Select the **REPAIR** icon and then press the start button to analyze the volume for a general overview. This feature lets you know the condition of the catalog and the volume header for the selected volume and will repair permissions according to Apple specifications.
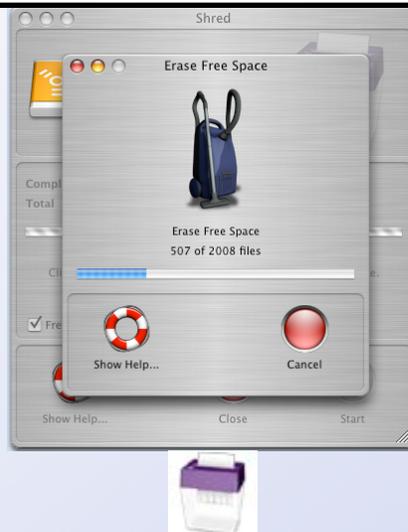
2. DEFRAGMENT displays how data is placed throughout the volume. Overtime as files are added, modified and deleted they get scattered across the volume, which results in slower access time. Select the **DEFRAGMENT** icon and then press the start button to see the current layout of the volume. Defragmenting the drive is a great way to boost the performance of your computer. This will put all the broken-up pieces into one continuous block with the empty space at the the end.
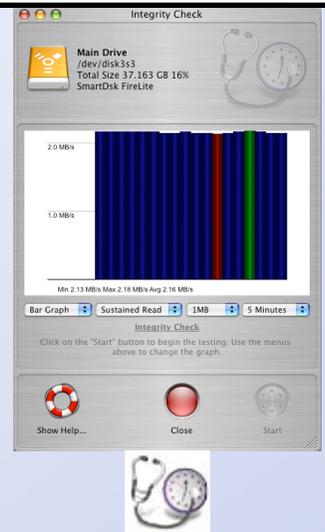
3. DUPLICATE/BACKUP
This feature allows you to quickly duplicate a volume (copies bit by bit, skipping free space) or create an exact copy of a device (including free space). Create a disk image so you can store volume or devices info in a single file. If you boot from the CD you can attach a disk image and use it as the source to restore your drive.
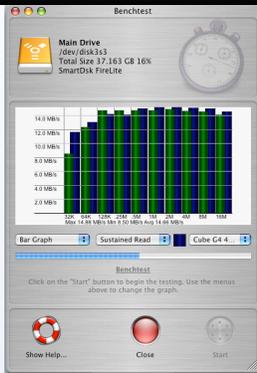
4. SECTOR EDIT (recommended for expert users only), allows you to fine tune all aspects of your system with direct, advanced byte viewing and editing of all the data on your drives, volumes and files.

5. SHRED will stop prying eyes with DoD compliant (5220.22 - m) secure erase. Removes all traces of data from free space and deleted files on any device or OS X volume. Select the **SHRED** icon and press the start button to begin to shred your data.

6. INTEGRITY CHECK
This feature is a suite of comprehensive hardware verification tests. It is used to check read/write times and display results using bar/line graphs or raw data. You can perform a test, from one minute up to a day long to simulate realistic performance.

7. BENCHTEST
This feature makes sure your hard drive performance is what it should be with comprehensive speed tests and graphical comparisons to other common configurations.

8. SCAN
verifies your hard drive's reliability, scans for bad sectors with a complete suite of non-destructive read verification tests. This test will make sure that your hard drive can be correctly read from and written to. This test is ideal for drives that are mechanically failing. Select the **SCAN** icon and then press the start button to begin. If you would like to get more information on the drive click on the **DETAILS** icon. This feature provides you a variety of technical specifications regarding the drive.

9. INITIALIZE
Go from **VOLUME** to **DEVICE** view and your options change, you now be able to see two features that are specific to Device maintenance; **INITIALIZE** and **REPARTITION**. The **INITIALIZE** feature provides an easy, high-level OS X formatting to prepare new hard drives for use on your computer.

10. The **REPARTITION** is Drive Genius's most highly acclaimed feature, it allows you to add/delete, hide/reveal and reset a partition "on the fly" without having to erase the volume. This allows you to organize your data more efficiently. First select the drive (under the **DEVICE** menu) then select the **REPARTITION** icon and a new window appears, (the partition map will vary depending on your current drive set-up). Then click on the star icon to **RESET** the partition map to show you any free space you have available. If you have any free space available, click on it and select the plus icon to **ADD**, from there you may select the size and a special icon for the new partition you are going to create. After clicking on start, your new partition is available, without having to reformat your drive.