

Genesis - Disk Repair Solution

The fully automated, standalone, high-volume system for Data Erasure, Drive Repair & Test/Screen Production Management

Higher quality, productivity and yields.

Genesis replicates the trusted Ultratec 'in-house' solution at your facility. Genesis, developed over 20 years delivers 'best in class' performance. Backed up with a commitment for the long-term with technical support to deliver new features, upgrades, and productivity improvements to ensure you have the latest 'state of the art' process.

Easy to Operate '3-in-1' system.

A low level set of features to erase, test and repair hard disk drives and SSD's, all in one easy to operate platform. The Genesis system is an easy to use, fully automated platform that allows non- technical staff to test and repair SAS/SATA devices with zero operator intervention.

Highly Configurable

Genesis is available in 32, 64 and 96 test port configurations that wipe both 2.5" and 3.5" SAS/SATA Hard Drives or SSD's. A range of software options are available that enable the system to be configured to match your specific process and business needs for erasure, test and repair.

Specifications

Certification	CE Certified, ETL Listed for US and Canada
Interface Supported	SATA 1.5, 3.0, 6.0 / SAS-1 SAS-2
Form factor	2.5" / 3.5" / (in-caddy options available)
Maximum transfer rate	6.8GB/s
System configuration	8/32/64/96 Test slots
Test Logging	Multiple cloud-based reporting options available
Test Script	Standard and custom test scripts
Data wipe	NIST 800-88r1 Clear/Purge-ADISA certified
Quality	A, B & C grades ensuring high yields
Repair to defect free	Seagate, Hitachi, Toshiba & WD
S.M.A.R.T.	Error logs and attributes calibrated
Controls	Integral Wide Screen HD touch screen
Dimensions	1727mm x 600mm x 900mm
Power requirements	Single phase IEC 309 mains power connection (or equivalent)



Why UltraTest?

UltraTest is a division of Ultratec who have been erasing, testing and repairing drives since 1996.

Genesis was created after listening to clients who required a quick, cost effective certified method of erasure and a need to increase the yield by repairing failures on their own premises rather than subcontracting to a 3rd party or worse; consigning them to the shredder!

This of course ensures a robust chain of custody, conformance with local Data Security laws such as GDPR & increased revenues.



Hardware



Software



Overview

Custom designed by Ultratec, Genesis features state of the art components to provide unsurpassed processing times and low running costs. Our systems are running 6G SAS2 (12G available) for each drive port, offering a combined 4800MB/s R/W performance aggregate for each 8-port sled within the system while still supporting older SATA/SAS 150/300 technology drives.

Genesis ships as a 19" rack with 32, 64 or 96 test ports. The rack includes integrated networking, power, cooling, and a user interface featuring a 21.5" touchscreen monitor.

Ultraport

Our custom plug and play drive mount system. Ultraport accepts any SAS/SATA 2.5/3.5 drive without additional hardware. Truly plug and play, the operator simply inserts the drive and Genesis does the rest, no buttons to press! Each Ultraport is crafted from a special ESD compliant plastic to support an ESD compliant workspace.

Fully Supported

Genesis includes remote technical support and onsite hardware support for all hardware issues during the lifetime of use. No more wasted time for your operators spent supporting home-grown hardware solutions.

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Ease of Use for Operators

Our user interface provides your operators with the status of each drive under test at a glance. Managers can configure Genesis to run unique tests in the system, for any kind of supported drives to support your requirements via a few simple selections on the GUI (Graphical User Interface). Your operators simply load the drives and start the test. Our technical support team is available at the outset to ensure you have the required setup and configuration for your business.

Cloud Support

Genesis 'cloud' enabled features ensure the most current test scripts and software revisions are available to operators automatically. Any custom scripts you have approved will be available in the GUI immediately upon release by Ultratec technical support.

Reporting and Process Management

Your management team can review Genesis productivity and status at a glance via the web portal. Management features include test results, both summary and individual, log review, and custom reports as requested. This enables your management team to manage costs, profitability, and operator productivity in ways not possible in previous solutions.

Proprietary Repair Protocols

The automated repair capability in the Genesis software includes defect mapping, error resolution, performance testing, and other features that enable Genesis to produce repaired drives that would have failed under typical means of testing with zero intervention required.