

# DECA YG2044

## Multi Interface Test Erasure Solution

### SATA SAS M.2 U.2

# DECA YG2044

## Highlights

- **Sample Erase Scripts** - NIST800-88 Purge, Clear, Verify, DoD5220.00-M (3, 7 times), Secure Erase in Enhanced Mode, One-time Erase, Multi-times Erase & more, Test & Repair
- **Sample Test Scenarios** - Ready Time, Device Identify, SMART, Error Log Read, Buffer Test, Power Cycle, HPA/DCO/AMAC Removal, Acoustic Management, Butterfly Seek & Write, Test & Repair Sequential Read, Read Write Block Test, Read Random, Write Random, Target Scan, Checksum Calc, Short Test
- No IT knowledge or background required for operators on Day 1.
- System executes the same script on 4 ports or different scripts and/or interface on each port.
- Quick Loader plug-in jig smoothly connects loose drive to the system. Advanced plug-in jigs that fits flexibly various server drive caddy designs are available.
- 2 progress status views, horizontal and vertical, help operations more productive.
- One-year warranty: parts and labor. Lifetime support.

## Recommended Applications

- Value added ITAD, New drive qualification for data centers, Quality assurance, Manufacturing, Re-manufacturing, Reverse logistics, RMA control, New product development, HDD/SSD life cycle management

Optional Quick Loader Plug-in for different types of server drive caddy



U.2 NVMe Quick Loader Plug-in Jig Attached

## SPECIFICATIONS

	Descriptions
<b>Model</b>	DECA YG2044
<b>Part No.</b>	Y-2171
<b>Supported Interface</b>	SATA 6G SAS 6G USB3.0
<b>Optional Interface</b>	M.2 NVMe SATA, U.2 NVMe, SCSI, mSATA, IDE
<b>Port Connections</b>	4 Channels Linkable to 20 Channels / 5 Units
<b>Dimensions</b>	L20 "x W12" x H5" (500 x 300 x 125 mm)
<b>Weight</b>	16.5 lb (7.5kg)

	Descriptions
<b>Supported Form Factor &amp; Sector Format</b>	2.5"/3.5" HDD, SSD, SS Hybrid Drive, 4K Native
<b>Power Specifications</b>	AC 100-240V 50/60Hz
<b>Power Consumption</b>	2.5A (100W)
<b>Communication Port</b>	1 port (1000BASE-T / 100BASE-TX / 10BASE-T)
<b>Operating Environment</b>	Temperature 10 - 35°C (50 - 95°F) Humidity 30 - 80% No Condensation
<b>Maximum HDD Capacity</b>	SATA: 144PB SAS: 9.4ZB M.2: 9.4ZB
<b>Host Software OS</b>	Windows 7/8/10/11

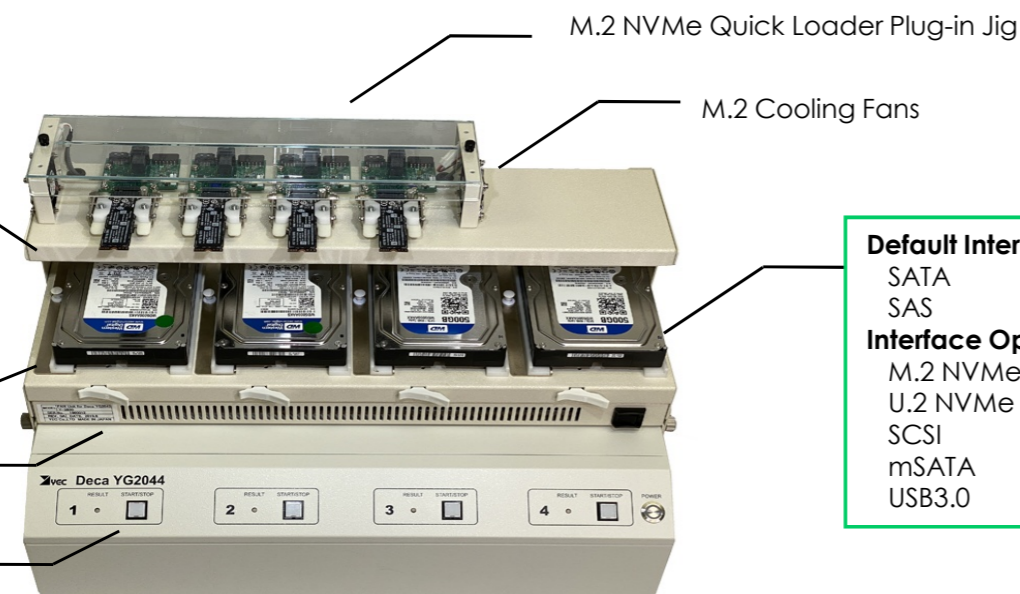
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**Test Erasure Scripts**  
 NIST 800.88  
 DoD 5220.00 M  
 Security Erase  
 Test & Repair  
 Modifiable Scripts  
 Health Grading  
 Power-on-Hour  
**and more...**



**Default Interface**  
 SATA  
 SAS  
**Interface Options\***  
 M.2 NVMe SATA  
 U.2 NVMe  
 SCSI  
 mSATA  
 USB3.0

**Youtube Video**  
[www.youtube.com/watch?v=yrgvjoJmA-o](http://www.youtube.com/watch?v=yrgvjoJmA-o)  
**Search Word: HDD YEC**

Backed by 30 years of experience and engineering in digital storage technology, DECA YG2044 creates an advanced test and erasure platform that is reliable, efficient and flexible which ITAD and Enterprise Data Service professionals look for.

### Hardware-based SATA & SAS Drive Erasure Solution

Reliable, robust DECA YG2044 supports 4 bays of **SATA** and **SAS drive at 6Gbps speed**. It accepts **2.5"** and **3.5"** **HDD/SSD** as well as **SS Hybrid Drive**. Firmware update downtime for new drive specifications is not required as the hardware-based DECA YG2044 is designed with deeper architecture managing a wide range of them.

### No License Fee

**No pay-per-wipe fee and annual contract.** The more drives YG2044 wipes, the higher ROI it gets in long-term use.

### Quick Drive Loading

Precisely designed Quick Loader smoothly engages cable connection of 2.5" and 3.5" drive at a blink of an eye effortlessly. Quick Loader reduces a great amount of time in cable connection.

### Reporting - Log, CSV Database, Work Report

**Detailed logs** are automatically generated, recording every process events. In case an error occurs, the system will log when and what issue has caused it. All process events are saved in **CSV database** that is useful for comprehensive analysis on the results. **Work Report** template allows rearrangement of data fields layout. Work Report incorporates user-definable health grades, bad sector count and Power-On-Hour count\*. \*unavailable to some devices

### New Technology Support - PCIe M.2 NVMe & U.2 NVMe

Proprietary M.2 Quick Loader provides reliable connection with device size of 2230, 2242, 2260, 2280 and 22110. Cooling fans improve data transfer performance.

### Test & Erase Scripts

DECA YG2044 sanitizes drive with the method compliant with **NIST 800.88** standards in addition to **DoD 5220.22-M**, **Security Erase** and other scripts. Library of scripts is included in the host software for quick start out of the box. **Test & Repair** script identifies weak, unstable, so-called, "bad sectors" and repair by reallocation when possible.

### Flexible Scripting

The power of YEC scripting is ready-for-use scripts are modifiable, accommodating user's various erasure requirements - it can be specific technology in the drive, deeper analysis, lengthening or shortening test time and so on. Of course, a completely new script can be created from scratch. Test scripts diagnose various aspects of device.

### System Integration - M.2, U.2 & SCSI

Connection to large scale 80-port tester DECA YG2801R allows the host software to test combined 84 drives to include M.2 NVMe/SATA, U.2 NVMe, SCSI and mSATA devices on YG2044 machine as one integrated system.



"Trusted by digital technology professionals for over three decades."

For more information, please visit [www.yecglobalsolutions.com](http://www.yecglobalsolutions.com) or call (657) 298-3276.