

# Rack System® Hard Drive(HDD) Test/Erase/Repair Tool Hard Drive(HDD) Test/Erase/Repair Tool



## HDD Multi-Port Rack System

\*Custom Tailored for any  
industrial professional needs\*

- ❖ **SATA, ATA(IDE) & SCSI Interface Available**
- ❖ **HDD Auto Loaders for any 2.5"~3.5" Drive**
- ❖ **Fully Automated One-Push Operations**

The YEC Industrial Rack System yields a strong demand from HDD professionals due to its mass HDD processing capabilities. This system provides complete HDD function control via raw level SCSI, ATA or S-ATA commands.



Host Program



### Typical Customer's Usage

#### 1. Mass HDD Destruction: (Test & Security Wipe)

Blasting fast 4GB/min max HDD destruction according to various data security requirements such as HIPAA, DOD5220.00M, British Standard 7799 & ISO17799. Fastest Data Destruction + HDD Test and Repair available.

#### 2. HDD Test & Repair: (Recycling)

One-push HDD test & repair includes simultaneous "SMART check", "Complete HDD Test" and "HDD Repair"

#### 3. HDD Analysis for R&D, QA, and Production : (Prequalification)

-Transfer Speed Test	-Response Time Test,
-Delay Block	-Search Error Rate Test,
-Fixed Point Access Test,	-ECCC
-Correction Performance Test	-Ramp Load Test, and others

❑ Run 40 Hard Drives At Once

❑ Customize Interface Port-By-Port

❑ Individual Port Power Control

❑ Customize Functions using standard ATA script commands (Timer and Counter hardware included)

❑ Reduce Labor Time And Cost

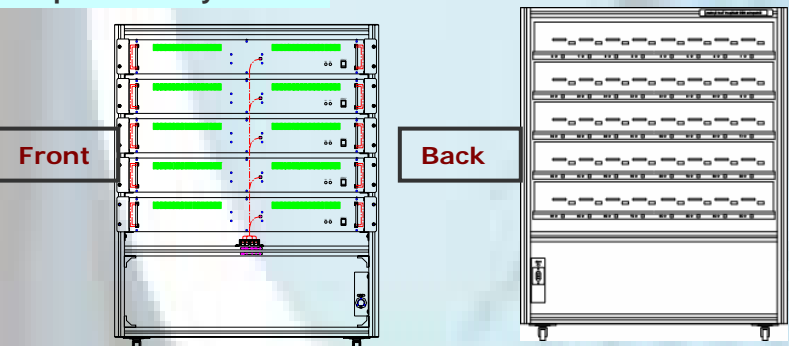
❑ Eliminate Defect Ratio with [one-touch] operation

# Rack System Specifications

## Rack System Specifications

<b>Model</b>		<b>Industrial Rack System for HDD Destruction, Test, Repair operations</b>
<b>Interface Host S/W</b>		<b>Host Program</b> -Microsoft Window Base Custom Software- with USB interface (Win98/ ME/ 2000/ XP)
		<b>Compatible Hard Drive (Any manufacturer and Any size)</b> <ul style="list-style-type: none"> <li>• <b>ATA 40 ports</b> (PIO/UDMA all mode support)</li> <li>• <b>S-ATA 40 ports</b> (SATA-I/II)*</li> <li>• <b>SCSI 40 ports</b> (SCA, Wide, Narrow with any speed)*</li> </ul>
<b>Device</b>		*Optional
<b>Function</b>		<p><b>-Speed:</b> 300 MBps Capable</p> <p>-Fully Customizable <b>“One Touch Operation”</b> MASS HDD system</p> <p><b>-Incoming/Outgoing inspection</b> (standard control with host program) (Aging Test/Burn-Test/Temperature Cycle, and etc.)</p> <p>-HDD Wipe and standard <b>Recycling</b> program provided</p> <ol style="list-style-type: none"> <li>1) Automatically remove Hidden Partition Areas (HPA) for complete HDD destruction</li> <li>2) Forced destruction with retry (3 time) to bad sectors to ensure complete destruction</li> <li>3) Wipe Hard Drives with SMART errors (can't be recognized by PC)</li> </ol> <p><b>-S.M.A.R.T.</b> (complete SMART analysis capable)</p> <p>-24/48bit LBA Support, Big drive compatible (MAX, 144PB-48bit)</p> <p><b>-Password Check</b> Capable (Detect password-locked hard Drives)</p> <p>-Ability to tailor individual ATA parameters with <b>script language</b> programming [Do It Yourself]</p> <p><b>-Log</b> individual duplication per HDD with <b>CSV, TEXT File</b></p> <p><b>-Independent power cycle control</b> for each port</p> <p style="text-align: right;">*Please ask for any customization that suits your needs!</p>
<b>Connectable Targets</b>		<b>Host PC can network 10 rack systems (max) for log management</b>
<b>Input Power</b>		<b>Specific to order (please specify primary power input)</b>
<b>Dimension</b>		Specific to order (inquire for available rack sizes)
<b>Weight</b>		60~kg
<b>Product includes</b>		Specific to order (includes all necessary accessories for customer's needs)

### 40 port Rack System



**For further information contact us at:**

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\*Specifications subject to change without notice.

1 gigabyte = 1,000,000,000 bytes. Total capacity and speed varies depending on hard drive. Patent pending on YEC's mirroring technology.