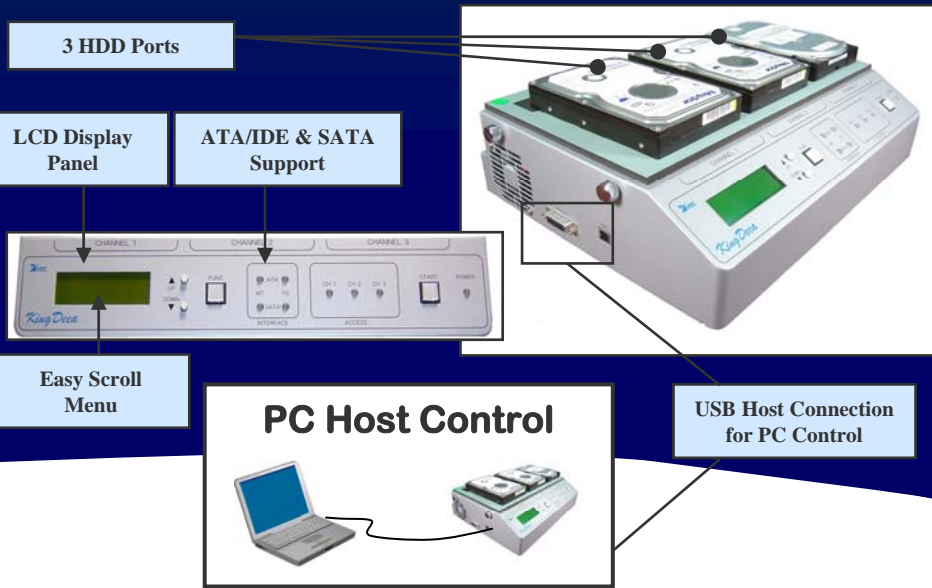


# King Deca

Advanced Hard Drive Testing Utility



The King Deca is a comprehensive hard drive testing utility designed for industrial professionals. It provides efficient in-depth analysis and diagnostic functions for any ATA or SATA interface hard drive.

## YEC Advantage:

- Total Hard Drive Control Flexibility**  
Using: ATA Commands & dedicated analysis mechanisms
- Flawless Test Accuracy**  
Timers and Counters measure raw level HDD functionality
- Easy Script Programming**  
One-Touch Function Automation for full ATA command control
- Free From OS and Software Restraints**  
Avoid time drag and misinterpretation of data

## YEC vs. Software Comparison:

	HDD Physical I/F	ATA Command Control	Counters & Timers	Script Commands Control	Communication
YEC	●	●	●	●	●
Competitors	●	●	●	●	●

## Features

- ❖ Issues Vendor Unique ATA Commands
- ❖ Issue Standard ATA Commands using convenient Script language
- ❖ User friendly PC Host Software
- ❖ Multiple HDD Health & Performance diagnostic functions
- ❖ Full HPA Control
- ❖ Secure Data Destruction
- ❖ 12 Month Warranty

# King Deca

## Specifications

<b>HD Interface</b>	ATA (E-IDE) I/F, Serial ATA I/F (controller MARVELL 88i8030)
<b>Host Interface</b>	USB
<b>Mode</b>	PIO MODE 0~4, Multi Word DMA MODE 0~2, ULTRA DMA MODE 0~6
<b>Main Functions</b>	<ul style="list-style-type: none"><li>-Data Transfer Speed Test</li><li>-SMART Data Collection*</li><li>-ECC Rectify Test</li><li>-ATA Command Single Execution</li><li>-FS Mapping Flexible Copy and Compare</li><li>-FS Mapping Mirror Copy and Compare</li><li>-All area verify test</li><li>-Clip and Clip Off</li><li>-Combination Clip and Copy</li><li>-Data transfer Speed Measurement-1 and 2</li><li>-Secure data erase (specified # of overwrites)</li><li>-NSA, DOD standard data erase</li><li>-NG Block Measurement</li><li>-Error Rate Measurement</li><li>-Data Dump</li><li>-Copy and Compare all area</li><li>-NG Sector Measurement</li><li>-All area verify test</li><li>-Target Point (E5) Fill</li><li>-Clipping function</li><li>-Fixed Floating Point Calculation Test</li><li>-Fixed Floating Point Calculation Test</li><li>-"Target Point" Map Copy and Compare</li></ul> <p>* SMART-1, 2 can be executed while other functions are paused. **Setting and display options can be modified in each task mode through display window.</p>
<b>Parameter Settings</b>	<ul style="list-style-type: none"><li>-Bad block (ms)</li><li>-Loop numbers</li><li>-starting address, end address</li><li>-Block count</li><li>-Read Cash, Write cash</li><li>-Buffer mode (none, 0000, FFFF, increment, random, specified)</li><li>-Bad sector allowable</li><li>-Error allowable (CRC error, STS error)</li><li>-Sector # Access</li><li>-Seek mode, Write mode, Read mode</li><li>-Retry #, Command time out time</li></ul>
<b>Weight</b>	4Kg (8Lb)
<b>Dimensions</b>	W380×D285×H100
<b>HD Power Control</b>	+3.3V, +5V and +12V
<b>Power</b>	AC 100~250V 50/60Hz
<b>Conditions</b>	Temperature 10°C~40°C, Humidity 20%~95% (without dewdrop)

\*Specifications subject to change without notice.

### Product Includes

- Main Unit
- PC Software
- AC Cable
- ATA HDD I/F Cable
- DC Power Cable
- SATA I/F Cable
- USB Cable for Host computer
- DC Cable Removal Jig
- Carry Case

### YEC Internatioal

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1 gigabyte = 1,000,000,000 bytes. Total capacity and speed vary depending on hard drive. Patent pending on YEC mirror technology.