

King Demi AS-F

Y-2003F
Forensic



New Data Extraction Firmware Just Arrived!

*Pictured model includes plug-in fixture with lock

Data Acquisition

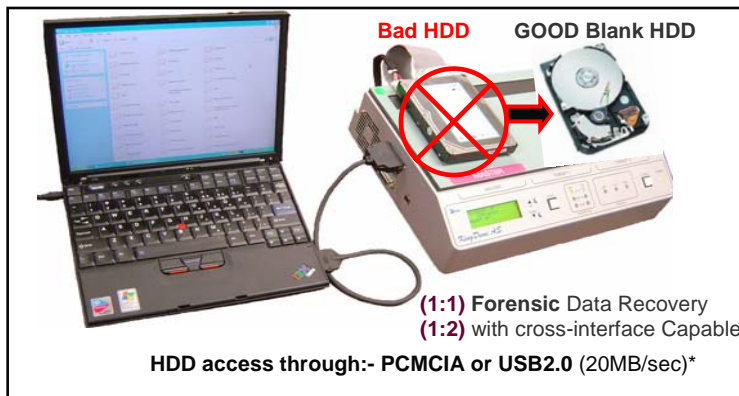
- ✓ **Native ATA/SATA/SCSI interface** (support any ATA/IDE: 3.5" - 2.5" - 1.8" - 1.0" - 0.85" size, SATA*:3.5"-2.5" size and SCSI: Narrow (40pin), Wide (68pin), SCA(80pin) HDD)
- ✓ **Built-In Write Blocker for Suspect Port**
- ✓ **HPA (Hidden Partition Area) Detection and HPA Enable/Disable functions**
- ✓ **Hard Drive Password Detection**
- ✓ **Preview HDD via USB** (Mount as an external drive)
- ✓ **Test Hard Drive for trouble shooting** (Random Seek, Verify, Read-Write-Read 1 Cycle Test, Running Test, **SMART details**, HDD Password Lock test, Error Code Test, Bad Sectors Test, Device Identify Test, Quick SCSI HDD Test, SMART offline test, Quick HDD Test)

*Use the King Demi AS-F to estimate time and cost of data extraction quickly and easily

✓ **Special Data Extraction Functions ***

Our new Data Recovery COPY® function will jump HDD Errors (Uncorrectable, Abort, AM ERROR...) to retrieve only GOOD sectors in acquiring data from defective hard drives. (Variable settings for Timeout, Retry count, and hardware reset at Error sectors. This allows the user to jump to good sectors in the LBA sequence)

(17 sec/GB max)



*Preview suspect HDD before acquisition via USB. After data extraction, mount hard drive to analysis computer through the King Demi AS-F and post recovered data to a network.

The King Demi AS-F was designed with an emphasis on HDD Forensics. It provides the best possible HDD Data Extraction Capabilities. This unit utilizes ultimate ATA/SATA/SCSI Direct Command Control to guarantee MAXIMUM data recovery from BAD Hard Drives

Features

- **DD Image & MD5 Data Acquisition with Quick FAT32 Format function**
- **(1:1), (1:2) All-Purpose-Functions: Test, Analysis, Clone, Flexible Copy, Backup, Repair, Erase and Clip**
- **Fast Copy & Compare (17 Sec. /GB: Max)**
- **Works with any manufacturer's HDD (S-ATA, ATA and SCSI)**
- **Simple push-button operation**
- **Hard Drive Low Level Formatting with optional DoD5220.22M and NSA wipe standards**
- **Big Drive compatible up to 144 PB (48Bit)**
- **FREE PC control software (King Host) for logging, firmware download, and simple interface control**

* Transfer rate for each port can be changed and set automatically by host computer
** Specifications subject to change without notice

King DEMI AS-F Performance Sheet

Specifications

HDD Interface	SATA, ATA(EIDE), SCSI, ATAPI Devices (Built-In Write Block for Master Channel)
Controllable HDD	Master : 1 Target : 2 (1 for SCSI)
Manageable HDD	Any Manufacturer's HDD with ATA(EIDE)-2TB Max., SCSI-2TB Max.
Host Interface	SCSI : PC-HDD Interface (Ultra2 SCSI), USB : Control King Demi unit
HDD interface Mode	{PIO Mode 0, 1, 2, 3, 4}, {Ultra DMA Mode: 0, 1, 2, 3, 4, 5, 6}, SATA-I/II, SCSI-up to U320
HD Power Control	Adjustable Voltage +5V+/-5% (3.3V) , +12V+/-8%
Power	AC100~240V 50/60Hz (less than 2A)
File Format Available	DD image with specified file size from 1MB~2,00MB (Hash: MD5), Sector-Sector HDD duplication with CRC check (Identical HDD Size Clip for target Hard Drives)
Forensic Features	Automatic folder creation on target HDD for each evidence HDD Automatic Index Text File creation per HDD (Information including: MD5 VALUE, HASH SECTOR, HASH Completed Date Time, Image File Total Creating time, HDD MODEL, S/N, FIRMWARE_VERSION, ,LBA_MODE_SECTORS, DEFAULT/CURRENT HCS, HDD Data transfer Mode supported, HDD Volume, HDD SECURITY STATUS, HDD SMART SUPPORT, Bad sector Locations)
HDD Erase Mode	Low Lever Format with Selected HEX value, Multiple Time Overwrite with specified HEX value, DoD 5220.22M, and NSA
Dimensions	W380 x D285 x H100(mm)
Weight	8lb (4.0kg)
Option	Plug-In Fixture for ATA HDD (2.5 inch, 3.5 inch and 1.8 inch), SCSI (3.5 inch), SATA (3.5 inch)

Product Includes

- King Demi AS-F Main Unit
- AC Power Cable (G-100)
- Hard Drive (HD) Power Cable (Y-7110) (x3)
- ATA (EIDE) Interface Cable (Y-7030) (x3)
- SATA Interface Cable (Y-7050) (x3)
- 3.5 <-> 2.5 HDD Interface conversion PKG (Y-6250) (x3)
- SCSI Interface Cable (Y-7220) with SCSI Terminator (x2)
- SCSI Narrow (50p) 8bit Conversion PKG (Y-6100) (x2)
- DC Connector Pullout Jig (Y-9030)
- PC Cover removal Jig
- King Host Control Software (CD)
- PC interface PCMCIA card (IO data) and Cable (Optional)
- Carry Case with Key

* Contact us about customizing firmware to meet specific needs.
Input for product specification is always welcome!!!

For support or information, contact us at

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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

