

King Demi AS-F

Y-2003F



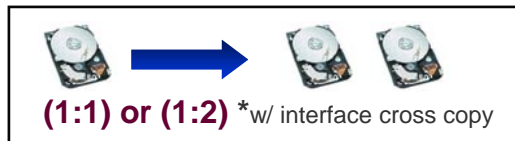
New Firmware!

*Pictured model includes plug-in fixture with lock

The King Demi AS-F is designed for HDD Duplication, Test, and Data Recovery. It provides the best Data Extraction Capability for Non-Destructive Hard Drives. Ultimate ATA Command Direct Control will guarantee MAXIMUM data recovery from BAD HDD

Duplicator

Native ATA/SATA/SCSI interface with support of 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)



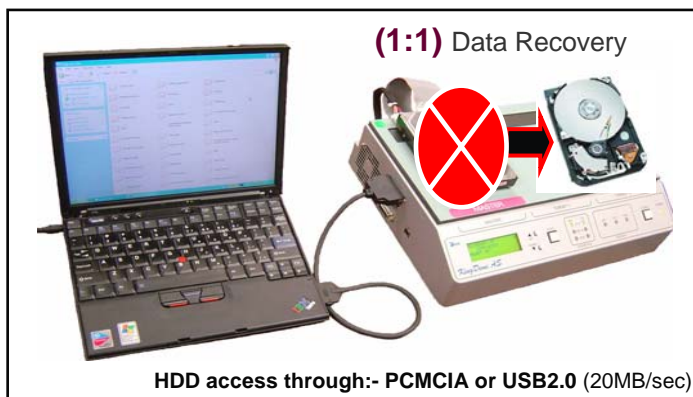
(17 sec/GB max)

Tester

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. You can use the King Demi AS F to easily estimate time and cost of data extraction

Data Extractor

Speed, functionality, and convenience exceed the capabilities of software data recovery tools. **FORCE COPY® feature will skip most HDD Errors and acquire data even HDD is defective.** (Capable of specifying LBA addresses to duplicate)



Features

- Write protected hard drive evaluation and data extraction
- (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
- Secure Delete function with DoD5220.22M, NSA or user customized settings
- Big Drive compatible up to 144 PB (48Bit)
- FREE PC control software (King Host) for logging, firmware download, and simple interface control

*After data extraction, mount hard drive to analysis computer through the King Demi AS-F. You can also post recovered data to network.

* 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 (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 welcome!!!

For support or information, contact us at

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1 gigabyte = 1,000,000,000 bytes. Total capacity and speed varies depending on Hard Drive. Patent pending on YEC mirror technology