

Solutions For The Digital Evidence Lifecycle®



TD1 Forensic Duplicator



Quest 2

MSRP	\$1,249	\$1,300
Price Includes	TD1, cables, power supply, notebook & ZIF drive adapters, QuickStart Guide	Quest 2 cables, power supply, user guide, flashlight, screwdriver, cloning software
Out of Box Setup	Startup wizard guides user thru entering examiner name, date & time, operational preferences, and case information options	Minimal setup; Must use stylus to limit touch screen issues
Ease of Use	Clean cable connections; One button operation or select from menu of function (softkeys or keyboard)	Source/destination not clearly marked; doesn't support 1 button operation; internal HDD fit was loose
Duplicator Functions	Disk to File (Image) Disk to Disk (Clone) Wipe Drive (Single or Multi-pass) Format Drives Hash Drives (SHA-1 and MD5) Blank Check Drives (Automatic & User Selectable) Disk Utilities (HPA & DCO Detect & Unlock) TD1 Setup	Image Clone Capture of PC Wipe Drive HDD Scan Browse Destination HDD Save Logs
Source Connectors	IDE (1x), SATA (1x)	IDE (1x), SATA (1x)
Dest Connectors	IDE (1x), SATA (1x)	IDE (1x), SATA (1x)
Misc Connectors	USB(2x), 1394A (1x)	USB (1x), Serial (1x)
Speed ¹	Clone: 5.9 GB/Min (SHA-1 + MD5) ² Image: 5.8 GB/Min (SHA-1 + MD5) ² Wipe: 5.9 GB/Min	Clone: 2.9 GB/Min (MD5) Image: 2.5 GB/Min (MD5) Wipe: 5.8 GB/Min
Error Handling	Two modes: "Fast or Complete" Five unique user configurable error thresholds	Four modes: "Skip, Retry, Recover, Abort" No user selectable error limits
User Interface (UI)	LCD w/ backlight (480 characters)	Touch Screen; Long delays w/ certain operations
UI Progress Displays	Elapsed Time Time Remaining Instantaneous Transfer Rate (MB/s & GB/min) Average Transfer Rate (GB/min) Progress Bar	MB/min Hrs:Min remaining Hrs elapsed Progress bar
Destination File System	FAT32 with long file name support	FAT32
Destination File Format³	dd, .dmg, or E01 w/ (patent pending) hardware compression	dd
File Name and Case Notes	Allows file/directory names up to 56 characters; user prompt for inputting case notes (via Soft Key or USB Keyboard)	8 character log/file name; No prompting for case notes
HPA/DCO Handling	HPA auto-capture; DCO auto-detect & prompt; HPA/DCO Disk Utilities menu function	Auto-defect; No HPA/DCO utilities
Firmware Updates	Tableau Firmware Update (TFU) via TD1 1394A connection	Download to CF, insert, restart system; 30+ minutes to update
Log File Information	View, Erase, Save(to USB), Print(to USB); All disk operations are logged	Save to CF; No logging of cancelled or aborted operations
HDD Spanning	Auto-detect with step-by-step user guidance	Does not support
Company Info	Strong, profitable, long term business plan	

1 - as measured in Tableau lab using identical source and destination drives for each duplicator

2 - MD5 Hardware Acceleration Patent Pending

3 - E01 Hardware Compression Patent Pending. Available as a free firmware update Q1 2010.