Kronos™ is the most advanced Hard Disk Drive (HDD) Test Equipment available. Kronos™ delivers exceptional value by reducing waste and increasing inventory utilisation and reuse.

Kronos™ supports all HDD manufacturers' disk based products with the Serial ATA (SATA) interface. Kronos™ can be programmed to test and securely erase and verify to all common international standards. In addition Kronos™ rectifies and repairs most soft and hard media errors that occur during normal use of a HDD. Such errors are usually created during the use of software applications that cause them to appear on the HDD and in time cause the HDD to fail. This is one of the most common reasons for products to fail and to be returned by end users. Kronos™ can run simulated load test and "burn in" routines in order to filter early life failures.

Kronos™ technology rectifies most errors delivering a higher reuse yield thus avoiding expensive replacement parts and waste. Kronos™ technology enables users to recertify HDD from a variety of product streams including used product returns, customer returns and parts recovered from redundant equipment and failed product streams. Each rack supports up to 96 HDD channels each with a proprietary interface controller card enabling each channel to work independently. This improves process efficiency so each channel can undertake different functions concurrently without slowing the system as a whole. Each card is connected via an Ethernet switch to a racked server and database that controls each channel independently. In addition slave racks can be networked to a master for unlimited expansion.
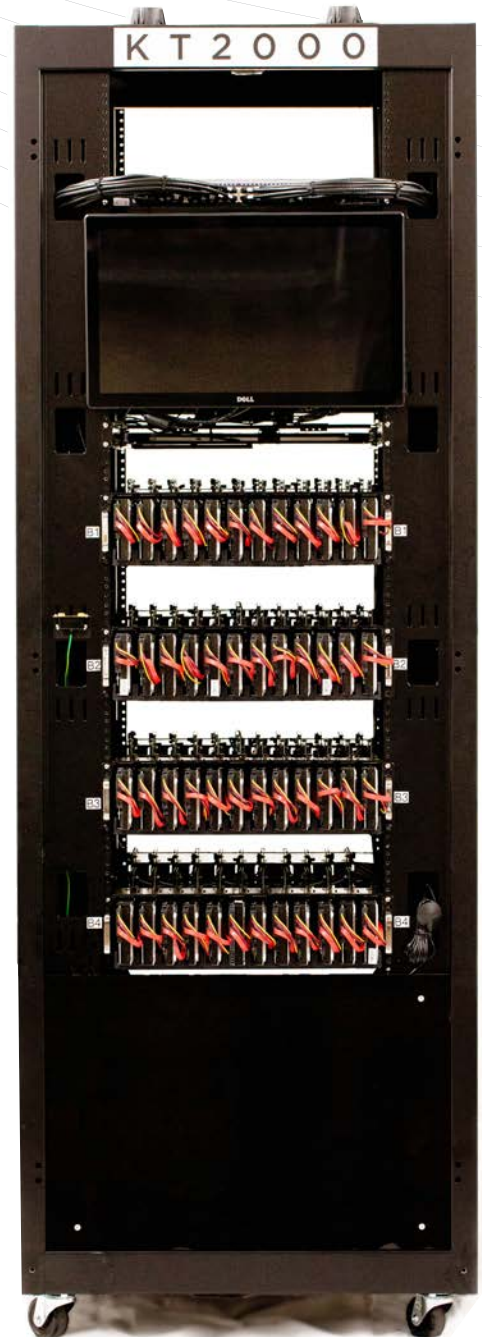

Front and Side View

An advanced touch-screen interface controls and displays the individual drive status in real time including its status, progress and temperature. Any drive can be "hot swap" replaced at any time and the pre-programmed process activated automatically thus enabling the most efficient use of operator time.

Kronos™ uses less space, less energy and less operator time than other systems while delivering superior value and industry leading yields.

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KT2000 comes in various options.

KT2000 is certified by

Back View