

TANISYS[®]

TECHNOLOGY



M550
FLASH MEMORY TEST SYSTEM

Tanisys continues to lead the way in Flash Card Test

Tanisys Technology, the leader in flash card test equipment, drives high volume Flash card manufacturing to a new level. The M550 Flash test system, built on the success of the Model 500, is designed for fully automated testing of SD, MMC, and Memory Stick Flash cards. Custom solutions for other card types or NAND device are also available.

With increasing demand for NAND Flash products coupled with constant price pressure, highly parallel testing is critical. With the M550, Tanisys is setting a new standard for Flash test by providing the capability to test 320+ cards in parallel. The M550 test system offers world-class test economics while providing the highest test coverage in the industry. Tanisys test systems continue to be the choice of industry leading Flash card manufacturers worldwide.



Flexibility By Design

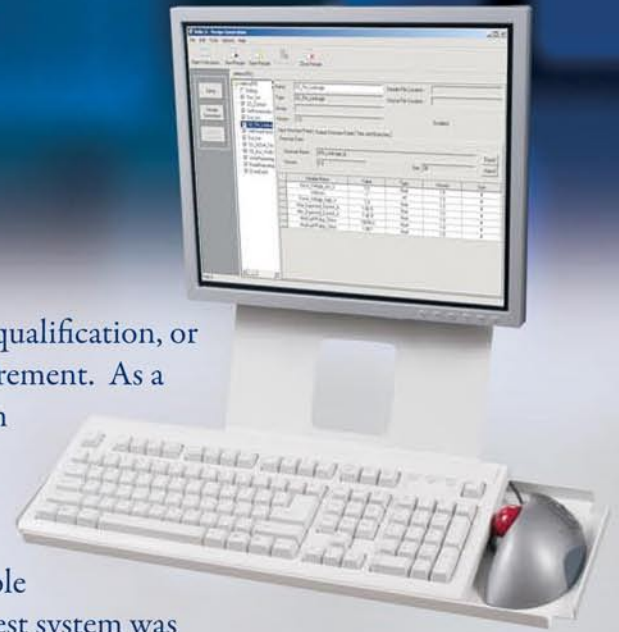
Tanisys Technology designed the M550 with flexibility and scalability in mind using the versatile, patented Distributed Network Architecture (DNA™). As the building block of advance parallel test solutions, DNA enables the user to seamlessly transition from engineering development to high-volume production. In combination with high-performance M550 hardware, DNA provides virtually unlimited scalability that allows the user to add capacity as needed — a capability not found in other platforms.





Configurations To Meet Demand

Whether your needs are for engineering development, qualification, or volume production, the M550 test system fits the requirement. As a single or dual blade engineering system, the M550-E can be used to develop your test program in an office or lab environment. It is also the right solution for product qualification or low volume production. For high volume manufacturing requirements, the M550 is available in a multiple blade production chassis. The production test system was designed utilizing a modular approach, which allows the user to add capacity to a single system as product volume increases. The M550 test system is currently available in configurations to support 320 Flash cards with the expansion capability to support more than 640 cards.



Production Ready

Whether you choose your own handler or ask Tanisys to provide a turnkey solution, the M550 test system facilitates easy migration to automated environments. The M550 production configuration includes a manipulator that is designed to work with handlers from leading suppliers. With vast experience in developing handler control and production user interface software, Tanisys provides custom solutions to meet your manufacturing needs. Whatever your plan for production, the M550 is backed by Tanisys expertise and our extensive global support network.

Worldwide Support

Tanisys offers technical support to production facilities around the globe through our partnerships in Korea, Japan, Taiwan, China, Singapore and Europe. Services include sales and distribution, full technical support, applications engineering, and spares coverage – the same world-class, hands-on support provided to customers in North America.



The Tanisys M550
“The Future of Test”



M550 SPECIFICATIONS

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|-----------------------------|---|
| SUPPORTED TECHNOLOGIES: | SD, MMC, MEMORY STICK, NAND DEVICE, OTHER CARD TYPES UPON REQUEST |
| PARALLEL CAPABILITY: | ≥ 512 DUT's |
| AVAILABLE CONFIGURATIONS | M550-E: SINGLE BLADE, DUAL BLADE M550: ≥ 40 BLADE |
| ARCHITECTURE | PER SITE. TEST SITES ARE DEFINED PER PROTOCOL |
| I/O PINS | 64 PER BLADE |
| DUT POWER SUPPLIES | 8 DPS'S PER BLADE |
| PMU | 2 PER BLADE |
| OPERATING SYSTEM | WINDOWS, XP |
| TEST DEVELOPMENT | C++ |
| MAXIMUM OPERATING FREQUENCY | 100MHZ |
| PIN DRIVERS / COMPARATORS | PROGRAMMABLE PER PIN Goup VIH, VIL, VOH, VOL |
| INPUT POWER | M550-E: 100 – 240V AC; 50 to 60 Hz M550: 208V AC; 50 to 60 Hz |
| OPERATING TEMPERATURE RANGE | 20 ⁰ TO 27 ⁰ C; AIR COOLED |
| OPERATING HUMIDITY RANGE | 30 TO 70% |

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