

Eureka Express DDR3

CST Inc, a leading worldwide manufacturer of memory testers & automatic handlers announces the new DDR3 Eureka Express DIMM/SODIMM Tester, specifically designed for high volume memory distributor and memory module manufacturers.

With progressive engineering and state of the art technology, the Eureka Express test system was created to be the next industry standard for DDR3 Memory testing.

The Eureka Express tester can perform detailed functional testing for all DDR3 RDIMM,UDIMM, SODIMM,Mini-DIMM,VLP-RDIMM & LRDIMM Memory.



Feature

High Performance System

- Auto ID : RDIMM,UDIMM,SODIMM
- Auto ID : Memory Configuration,Size
- Auto ID : Frequency,Cas Latency
- Detects : ECC and Non-ECC RDIMM
- Real Cycle Time Testing
- Super Fast Test Time

Effective Test Algorithm

- Quick checks for Assembly faults
- Up to 27 Test Pattern for Functional test
- Complete SPD Programming tools
- Fault Focusing tools to detect bad chips
- Support Heat Chamber

Ease of Use

- Interface with Desktop via USB Port
- Window driven graphic system
- Pictorial aid to Pin-point faulty chip
- EZ firmware upgrade
- Support all CST Auto-Handler
- Support Window XP,VISTA & Win7

Technical Specification (DDR3 Testing)

Clock Frequency	: 400, 533,667,800 Mhz
Data Rate	: 800,1066,1333,1600 Mhz
Address Depth	: 4 Gigawords capacity up to 16Row x16Col
Data Width	: Expandable to 80 bit
Voltage	: 1.35 ,1.5 ~ 2.0 V
CAS Latency	: 5,6,7,8,9 & 11 Clock
Trcd & Trp	: 5,6,7,8,9 & 11 Clock
Burst Length	: 4 & 8
CAS Write	: 5,6,7,8,& 9
Mirror-Mode	: Auto
Dynamic ODT	: Auto ,40,60,120 ohm
ZQ Adjust	: Auto Calibrate
Refresh Cycle	: Auto / Self Refresh
DC Test Pattern	: Walk Data, Address, CS,CKE, DQM,DQS Test

AC Test Pattern	: Mat-S, March B, March X, March Y, March G, March U, Mov-I, Hammer Read Test
SPD Program	: Write/Read 0- 255, RSWP,PSWP

General Specification

Power	: 110 V - 230 VAC
Operating Temp	: -20 to 100 degree F
Humidity	: 20% to 80% , non- condensing
Dimension	: 235 x 220 x 140 mm - 10 Pounds
Host Computer	: Intel /AMD based (USB 1.1,2.0 & 3.0)

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