

DDR3/DDR2/DDR RoboFlex-MiNi

Automatic Handler System



CST Inc, leading worldwide manufacturer of memory tester and automation system is proud to introduce the most affordable Automatic DIMM/SODIMM Module Handling System, specifically designed for high volume memory module manufacturers and large memory distributors.

The RoboFlex-MiNi Automatic Handler is equipped with a standard 240/184/168pin "Patented DIMM Pusher System". This Handler supports DDR3, DDR2, DDR & SDRAM DIMM Memory

The RoboFlex-MiNi Handler is designed with a Flexible architecture, which enable easy change-over of DIMM to SODIMM Pusher System.

The RoboFlex-MiNi enables operator hands-free operation resulting in higher productivity.

RoboFlex- MiNi Feature

Patented Modular Pusher System :

- Accurate Direct Insertion into Test Sockets
- Unique Loading " Gravity Feed" Singulation
- Universal Input Trays for different size module
- Ease-of-changeover from DIMM to SODIMM
- Limit sensors to halt testing once Trays are filled up

Patented "Singulator" System

- Eliminates Module from Scratching
- Support Single/Double side DIMM memory
- Soft landing platform to dampen module dropping

Universal Base Handler System

- High Speed Conveyor System
- Failed/Passed Slide for sorting modules
- One Button Reset System

Upgrades

- Support wide of Range of custom Pusher
- Interface to all CST Tester
- Universal Power Supply
- Audible buzzer for pass/fail indication

TECHNICAL SPECIFICATION

Module Type Supported : 240pin,184pin & 168pin DIMM
: 204pin,200pin,144pin SODIMM (Opt)

Module Size : Height : 1" to 1.75 "
: Length : 5.25" +/- 0.05"
: Thickness : 0.05"

Number of DIMM Per Input Tray : 60 ~ 100 TSOP/BGA DIMM (Single)
: 40 ~ 60 TSOP/BGA DIMM (Double)

Handler Throughput : Load + Transfer (5 sec)
(Zero Test Time)

Test Contacts : Heavy Duty Test Sockets (Yamaichi)
: Life Span (above 10,000 insertions)

General Specification

Pusher System : 240/184/168 Pin DIMM (Standard)
: 144/200 /204 Pin SODIMM (Optional)

Compressed Air : 80 ~ 100 PSI @ 5 CFM Regulated Air

Power : input 100 /250 Vac, 50 /60Hz
Output 12 VDC @ 3A

Operating Temperature : 15 ~110 Degree F

Dimension : 12" x 7" x 19" (H x W x D)

Weight : 20 pounds

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