

F172A5



Camera Module Tester Series

isMedia is doing its best to develop products ranging from research development for camera test equipment's to custom-built equipment's through pre-discussion.

Feature

- 2 Test Zones 4 Test Capacity – Achieve High UPH
(1 Test zone= 2 test board set)
- Use Tester Separately form Handler
- Full auto/ Semi Auto Operating Option
- Auto Focusing system (AF/FF type)
- Remarkably Fast Testing Time

Omnipotent Camera Module Function Verification

- Electrical test
- Focus adjust / Focus final test
- Macro auto focus test
- Image test

Innovated Design Board Equipped

- Required only one time contact for finishing all kinds of test
- Shorten Test time 50% compared previous H/W system
- 2 test zones can be separated from handler, and each zone can be the semi auto machine respectively.

Applicable Camera Module Type

- Cube type
- FPCB type
- Wafer level camera type



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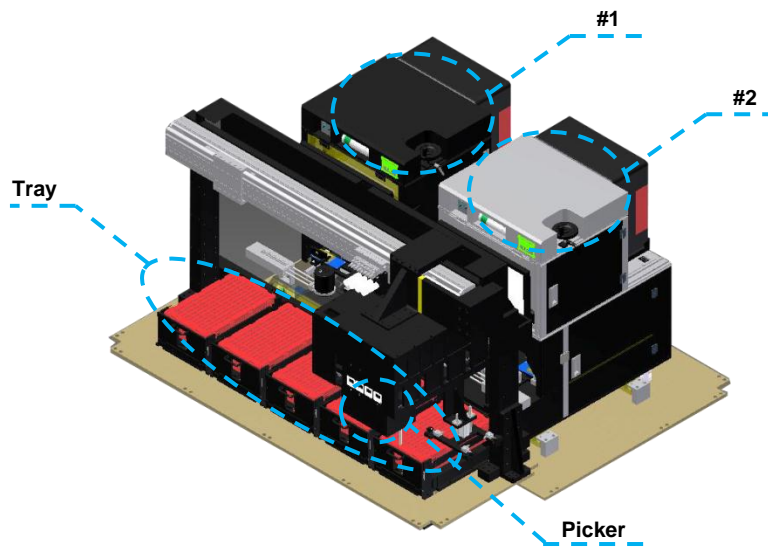
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is Media

System Specification

Size / Weight	1800X1700X1800 (WxDxH) mm / 1800Kg
Utility	CDA 0.6MPa, Power 220V±5% 60Hz
Illumination	IL80 : White LED illuminator
	ML202 : Macro (Near Field) LED illuminator 202x150 FL440 : Far Field LED illuminator 440x345
Collimator Lens	CL-636 / Focal Length : 36mm
Control Axis	6 Servo motor (Handler)
	2 Servo motor (Tester)
	6 Micro Step motor
	18 Cylinder(Handler) 4 Cylinder(Tester)
Chart	2 Charts system(far, near)
Main Processor	Intel Core 2 Duo 3.0 GHz
Memory/Hard Disk	2GB, 250GB
Monitor	20 inch
Operating System	Microsoft Windows XP, Windows 7 (32bit)
Local Bus	PCIe camera-Link grabber (2chx1)



H/W Specification

Interface with PC	Camera link (Base) for video USB2.0 for control
Supported Video Format	8bit to 16bit Bayer(8/10/12/14/16) 8bit or 16bit YUV4:2:2 8bit or 16bit RGB888/RGB565
Supported Control Bus	Standard I2C NON-standard I2C (16bit address,16bit data, Programmable Latency etc) SCCB
Video Transfer Rate (Supported Pixel Clock Frequency)	Up to 240MB/Sec
Supported Video Resolution	12Mp resolution camera modules are verified Now study for Higher Resolution is ongoing SMIA(650Mbps)
SMIA & MIPI Support	2 lane MIPI converter (800Mbps per lane) (Optional 4 lane MIPI converter – 800Mbps per lane)
Master Clock Supply	1.0M~68MHz / 0.1MHz step