

T5D



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

- CIS Package Tester (IR sensor tester)
- Dual Test Zone
- Electrical Test Available (Current, Leakage)
- Compact Design(Desk-Top PC)
- Semi Auto Tester

Broaden Coverage of Function Verification

Open short test	Check sync (video signal)
Leakage test	Defect
Standby current (H/W, S/W)	Particle
Dynamic current	Optical center

Innovated Design Board Equipped

- One time sensor contact is able to verifying whole camera function test.
- 100% digital test system (Electro relay Board)
- IR image sensor test available
- Image sensor test available

Applicable Camera Module Type

- Wafer level package
- Chip scale package
- IR Image sensor



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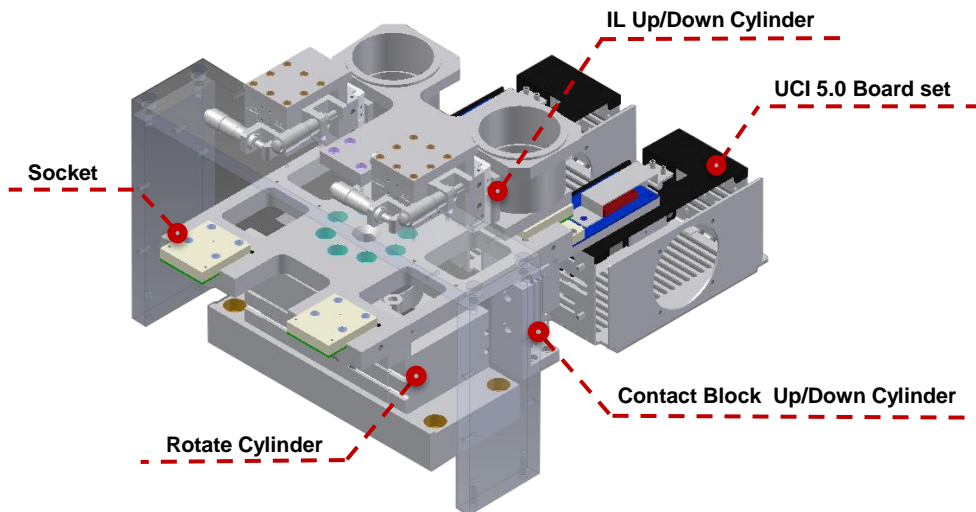
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is Media

System Specification

Size / Weight	495X660X890 (WxDxH) mm / 60Kg
Utility	CDA 0.5MPa, Power 220V±5% 60Hz
Illumination	IL55 : White LED illuminator
Control Axis	5 Cylinder
Main Processor	Intel Core 2 Duo 3.0 GHz
Memory/Hard Disk	2GB, 250GB
Monitor	17 inch
Operating System	Microsoft Windows XP, Windows 7 (32bit)
Local Bus	PCIe camera-link grabber(2ch)



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