

S16DM



Camera Module Tester Series

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

Feature

- Compact Camera Module Tester
- All Types of Sensor Test Available
- Auto Focus/ Fixed Focus Test
- Optical Scientific Accuracy Collimate Lens
- Proved System – Sold 900 Machines Worldwide

Covering All Camera Module Functions Verification

- Electrical test
- Focus adjust/Focus final test
- Auto Focus Function test(VCM)
- Image test

Proven accuracy of Collimator Lens

CL636 collimate lens which consists 6 lens make high resolution camera test possible in a small machine.
Many customers confirmed that its accuracy, even with optically famous laboratory together.

Applicable Camera Module Type

- Cube type
- FPCB type
- Wafer Level Camera Type



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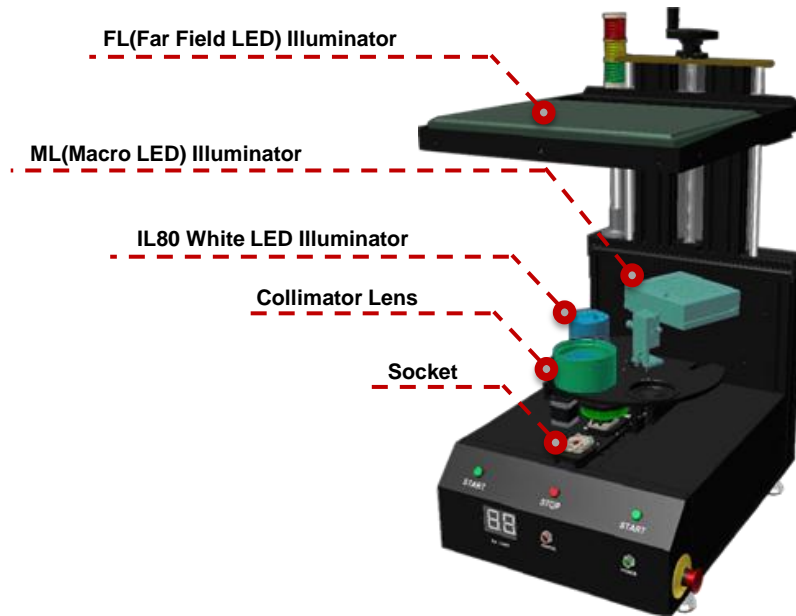
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is Media

System Specification

Size / Weight	460X620X890 (WxDxH) mm / 60Kg
Utility	CDA 0.5MPa, Power 220V±5%, 60Hz
Illumination	IL80 : White LED illuminator ML202 : Macro (Near Field) LED illuminator, 202x150 FL440 : Far Field LED illuminator, 440 x 345
Collimator Lens	CL-636 / Focal Length : 36mm
Control Axis	1 Servo motor 2 Micro Stepping motors 1 Cylinder
Chart	2 Charts system (Far, Near)
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 (1ch)



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 & MIPI Support	SMIA(650Mbps) 2 lane MIPI converter (800Mbps per lane) (Optional 4 lane MIPI converter – 800Mbps per lane)
Master Clock Supply	1.0M~68MHz / 0.1MHz step