



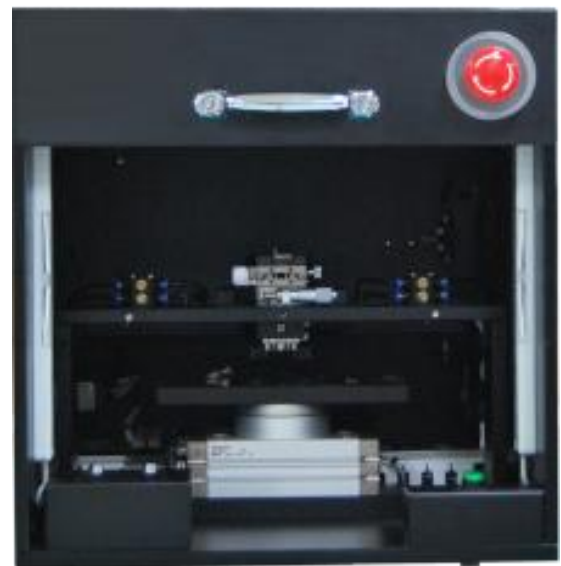
T3

CMOS Image Sensor Tester

isMedia, technical-oriented CMT manufacturer, has been regarded as the best solution provider in the industry through developing requested valuable technology with a long experience-based competitive laboratory.

isMedia testers, globally proved, take share 20% of worldwide various type camera modules' function verification through interoperability among all of the existed communication protocols & image sensors' characters

- I. CIS Package Tester (IR sensor tester)
- II. Air Supply
- III. Electrical Test Available (Current, Leakage)
- IV. Compact Design(Desk-Top PC)
- V. Semi Auto Tester



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System Specification

Size & Weight	400 x 474 x 415 (W x D x H) & 35kg
Illumination	IL D55 RGB LED illuminator
Collimator Lens	Not available
Control Axis	3 cylinder Lens adjust x , y stage
Main Processor	Intel Core 2 Duo 3.0 GHz/L2 cache
Memory/Hard Disk	2GB, 250GB
Monitor	17 inch
Operating System	Microsoft Windows XP, Windows 7 (32bit)
Local Bus	PCI-E(1CH) camera-link grabber

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 (Optional)

Applicable Camera Module Type

Cube type
 FPC type
 Wafer level package (=Chip scale package type)

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 (16bitaddress,16bitdata,Programmable Latency etc) SCCB
Video Transfer Rate (Supported Pixel Clock Frequency)	Up to 240Mb/Sec
Supported Video Resolution	Up to 8M Pixels resolution
Master Clock Supply	1.0M~68MHz / 0.1MHz step