

**SCO1**

Camera Module 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. One Time Programmable Memory Writer

II. Ultrahigh Speed Writing Register

III. Worldwide Proved system

IV. Easy & Flexible Test Order Control

V. Fast Technical Developing Response to

Evolutional Sensor Upgrading



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System Specification

Size & Weight	200 x 300 x390 (W x D x H) & 15kg
Illumination	EBL-30x30
Control Axis	1 dual cylinder
Main Processor	Intel Core 2 Duo 3.0 GHz/L2 Cache
Memory/Hard Disk	2GB, 250GB
Monitor	8Inch (1024x768)
Operating System	Microsoft Windows XP, Windows 7(32bit)
Local Bus	PCI-E(1CH) Camera-Link Grabber

Broaden Coverage of 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	Color calibration
Compact design	OTP verification
Real 4 - test zone system	Remarkable UPH

Applicable Camera Module Type

Cube type
 FPC 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 160Mb/Sec
Supported Video Resolution	Up to 8M Pixels resolution
SMIA & MIPI Support	Optional MD2LSS MIPI & SMIA Converter (External)
Master Clock Supply	1.0M~68MHz / 0.1MHz step