

**mek**<sup>®</sup>  
marantz electronics ltd

because inspection matters

**Products Catalogue**

## ISO-Spector Series



**Models:**  
ISO-Spector M2A  
ISO-Spector M2

### Full 3D Inline AOI

Application:

**3D SMT**

Inspection Side:

**TOP**



**Max PCB Dimensions:**  
510 x 460mm (20" x 18")  
510 x 460mm (20" x 18")



**Model:**  
ISO-Spector S3

### 5D Inline SPI

Application:

**SPI**

Inspection Side:

**TOP**



**Max PCB Dimensions:**  
510 x 510 mm (20.1" x 18.1")

## PowerSpector Series



**Models:**  
PowerSpector BTL 550  
PowerSpector BTL 350

### 18-Camera Bottom + Top Inline AOI

Application:

**SMT** **THT**

Inspection Side:

**SIMULTANEOUS DUAL SIDE**



**Max PCB Dimensions:**  
550 x 550mm (21.6" x 21.6")  
350 x 250mm (13.8" x 9.8")



**Models:**  
PowerSpector 650L  
PowerSpector 350L  
PowerSpector 550BL

### 9-Camera Inline AOI

Application:

**SMT** **THT**

Inspection Side:

**TOP** **BOTTOM**



**Max PCB Dimensions:**  
650 x 550mm (25.6" x 21.6")  
350 x 250mm (13.8" x 9.8")  
550 x 550mm (21.6" x 21.6")



**Model:**  
PowerSpector 350

### 9-Camera Desktop AOI

Application:

**SMT** **THT**

Inspection Side:

**TOP**



**Max PCB Dimensions**  
350 x 250mm (13.8" x 9.8")



**Model:**  
PowerSpector 550

### 9-Camera Desktop AOI

Application:

**SMT** **THT**

Inspection Side:

**TOP**



**Max PCB Dimensions:**  
550 x 550mm (21.7" x 21.7")

## iSpector Series



**Models:**  
iSpector 650L  
iSpector 350L

### Entry Level Inline AOI

Application:

**SMT** **THT** **CCI**

Inspection Side:

**TOP**



**Max PCB Dimensions:**  
650 x 550mm (25.6" x 21.6")  
350 x 250mm (13.8" x 9.8")



**Model:**  
iSpector 520

### Entry Level Desktop AOI

Application:

**SMT** **THT** **CCI**

Inspection Side:

**TOP**



**Max PCB Dimensions:**  
520 x 460mm (20" x 18")

## SpectorBOX Series



### Full 3D Modular AOI

Application:

3D THT

Inspection Side:

TOP BOTTOM

SIMULTANEOUS DUAL SIDE



Model:

SpectorBOX X 550

Max PCB Dimensions:

550 x 550mm (21.7" x 21.7")



### Modular AOI

Application:

SMT THT CCI

Inspection Side:

TOP BOTTOM

SIMULTANEOUS DUAL SIDE



Model:

SpectorBOX 550

Max PCB Dimensions:

550 x 460mm (21.7" x 18.1")

## SpectorBOX Integration



### Inline Turn-key SpectorBOX Integration Solution

Application:

THT CCI

Inspection Side:

TOP BOTTOM

SIMULTANEOUS DUAL SIDE



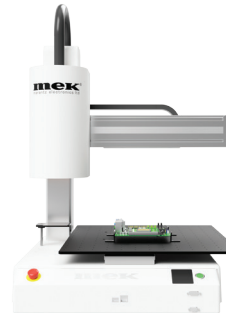
Models:

SpectorBOX NTK Mainframe  
SpectorBOX NTA Mainframe

Max PCB Dimensions:

550 x 460mm (21.7" x 18.1")  
550 x 460mm (21.7" x 18.1")

## i22X Series



### Multi Function AOI

Application:

SMT THT

Inspection Side:

TOP



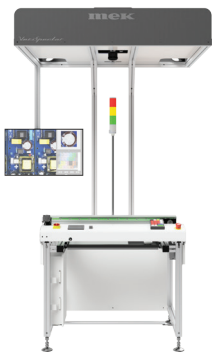
Model:

i22X 500  
i22X 300  
i22X 200

Max PCB Dimensions:

510 x 510mm (20" x 20")  
320 x 300mm (12.6" x 11.8")  
200 x 200mm (7.9" x 7.9")

## VeriSpector Series



### Inline Manual Assembly AOI

Application:

THT

Inspection Side:

TOP



Model:

VeriSpector Inline 750

Max PCB Dimensions:

750 x 500mm (29.5" x 19.7")



### Manual Assembly AOI

Application:

THT

Inspection Side:

TOP



Model:

VeriSpector 750

Max PCB Dimensions:

750 x 500mm (29.5" x 19.7")

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**mek**<sup>®</sup>  
marantz electronics ltd

**MEK Europe BV**  
Polluxstraat 2b,5047RB, Tilburg, The Netherlands  
[www.marantz-electronics.com](http://www.marantz-electronics.com)

**MEK Americas LLC**  
8275 S Eastern Ave,  
Ste 200 Las Vegas, NV 89123, USA