Introduction of item

We are a leading optical, measurement, solution company !

Monitor Inspection System
(New TZM & TZ -150II / 350II Series)

Item : Optical Component, Measurement, Software | Business : Wholesale, Manufacturing,

A-1013, Indeokwon IT Valley, 40, Imi-ro, Uiwang-si, Gyeonggi-do, 437-120 Korea ZIP Code : KS010

Phone 031 605-7789 | Fax 031 604-7789

yun@omsbiz.com I sales@omsbiz.com

# Contents

1. Company Information

VISION I CI

"The Corporate leader in Optical component, Measurement, Solution"

We are the leading company specialized within the field of 3D digital & optical microscope, measurement system industry offering integrated R&D & QA/QC, Since our company OMS was established in 2012.

OMS' provides customer with optical component, illumination, measurement software system, We also provide customers with stand alone system development products that meet customer needs.
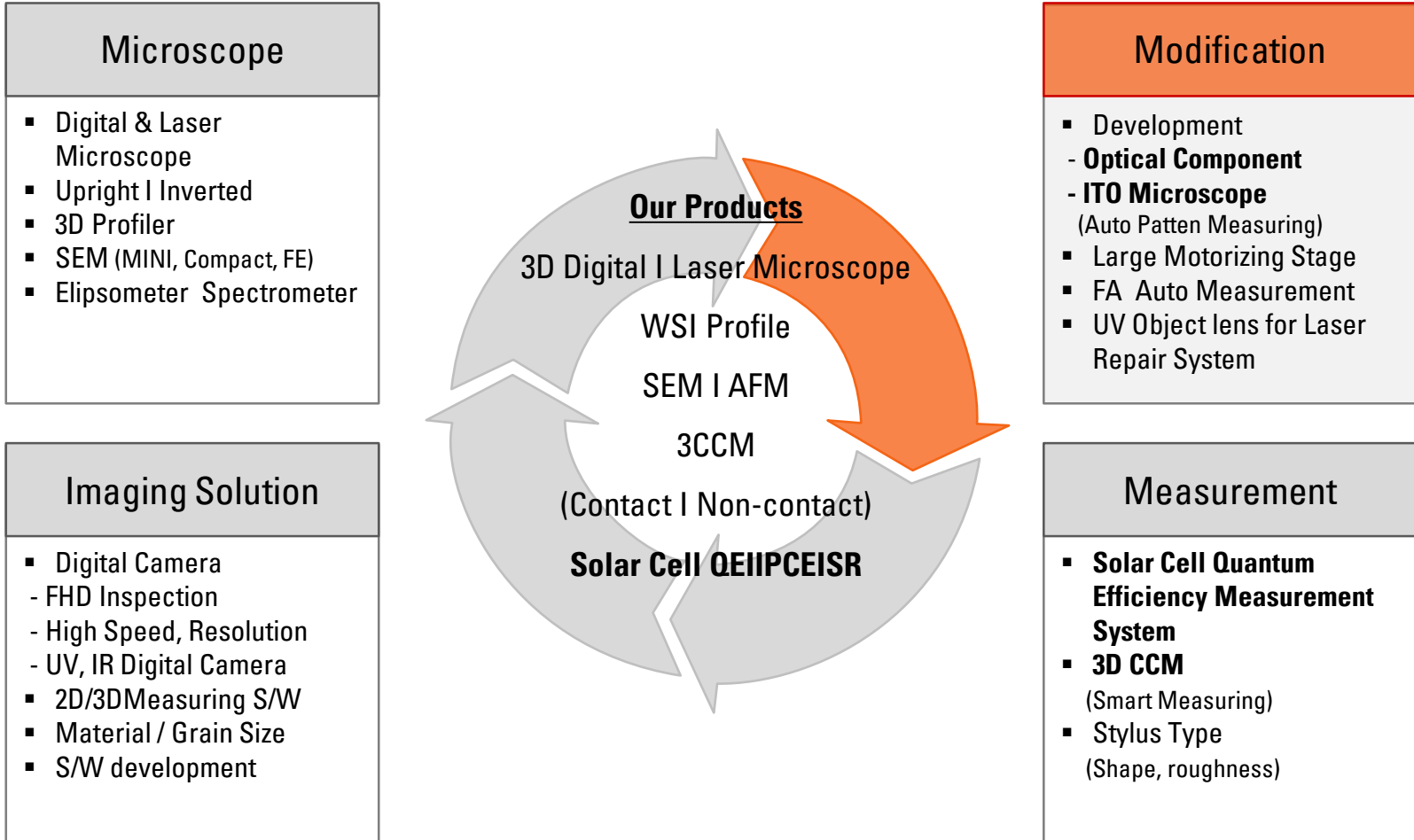
OMS' seeks to be a world-class optical solution company that continuously tries to meet customer's needs by offering products.

Optical
COMPONENT
MICROSCOPE

Measurement
Measuring
Non or Contact
Solar QE System

Solution
Modification
Development

1. Company Information
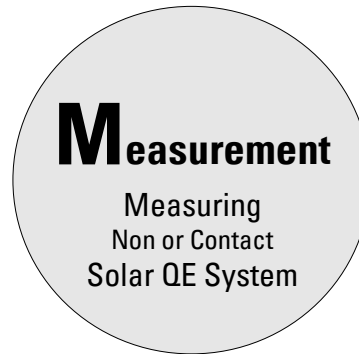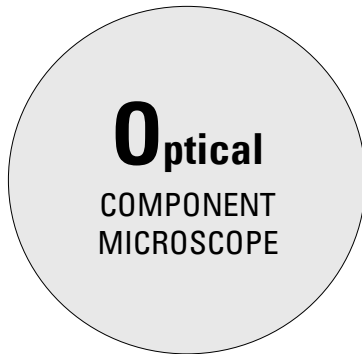
OMS optical Measurement Solution
We make it solution!

Products Line-Up

Item : The main treatment unit (Length, Height, Thickness, Solar QE)

Microscope

- Digital & Laser Microscope
- Upright I Inverted
- 3D Profiler
- SEM (MINI, Compact, FE)
- Elipsometer Spectrometer

Modification

- Development
 - **Optical Component**
 - **ITO Microscope**
 (Auto Patten Measuring)
- Large Motorizing Stage
- FA Auto Measurement
- UV Object lens for Laser Repair System

Our Products

3D Digital I Laser Microscope

WSI Profile

SEM I AFM

3CCM

(Contact I Non-contact)

Solar Cell QEIIPCEISR

Imaging Solution

- Digital Camera
 - FHD Inspection
 - High Speed, Resolution
 - UV, IR Digital Camera
- 2D/3DMeasuring S/W
- Material / Grain Size
- S/W development

Measurement

- **Solar Cell Quantum Efficiency Measurement System**
- **3D CCM**
 (Smart Measuring)
- Stylus Type
 (Shape, roughness)

1. Company Information

Our History

Cooperation

2014~ - OMS Co., Ltd Established
- Leica Distributors Contract
- Samsung, LG Chemical& Electronics, Hyundai & Kia Motors Corporation, SK…
Supplier
- MRO(i-MARKET / Serveone) Supplier
2012~ - OMS Company Established
- Huvitz Distributors Contract
- TSP Patten Inspection & Measuring Microscope Development & Supplier
- PV Measurement Solar Cell (USA), OPTO(Germany) Dealer
- Photron High Speed Dealer, ETC Probe, LVDT Sensor Dealer

2009~ - Huvitz Co.,Ltd
- Microscope MKT & Distribution Network Executive in Charge
- Product Planning & Patent(1020100138962) & Utility Model registration

OMS optical Measurement Solution

We make it solution!
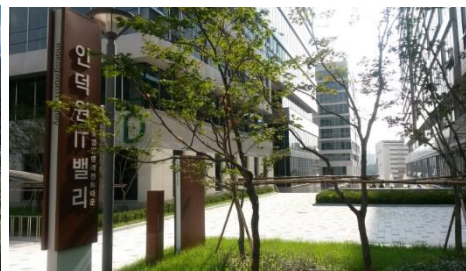
B. Products Item

► High Resolution Monitoring Inspection System

- Entry level : TZM-150II & TZ-150II / TLG-5050M Series
- High End : TLS-8575A (Large Automation)

B-1. Introduction of item(TZ & TZM / TLG / TLS Series)

OMS optical Measurement Solution
We make it solution!

▶ Various samples, Illumination, Stand development possible!

❖ Installation pictures (3Type)

Our Various models

Division	Entry Model		High End
Model	TZ-150II TZM-150II	TLG-5050M	TLS-8575A
Sample Size	Standard		Large
Magnification (optical)	380x lower than (50x lower than)		5,000x lower than (50~1,000x lower than)
Move Type	Manual		Motorizing
Application	Parts Vision Inspection (Crack, Open, Short)		Measurement

Entry Standard (TZ-150)

Low Magnification Cell Inspection

Entry Large (TLG-5050M)

Low & Large Type
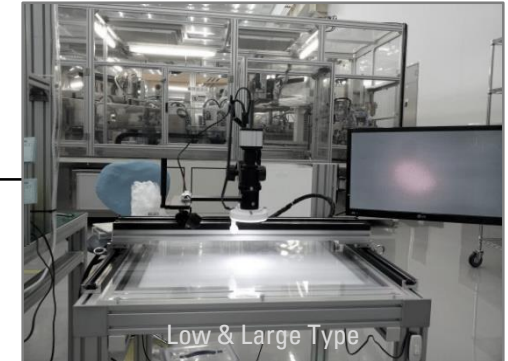
High End Large Motorizing (TLS-8575A)

High Magnification Motorized

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2. Introduction of item(Monitor Inspection : TZM & TZ Series)

❍ **Key Features**

- x30~210 Par-focal Zoom Lens (Max 420x at Auxiliary objective Lens)

- High Resolution & Speed Digital Camera (Max 6M Number of Pixels, 60fps at the Monitor)

- High efficiency & long Life LED Illumination Light

- 2D Measurement Software (Can be 2D Measurement independently without a PC)
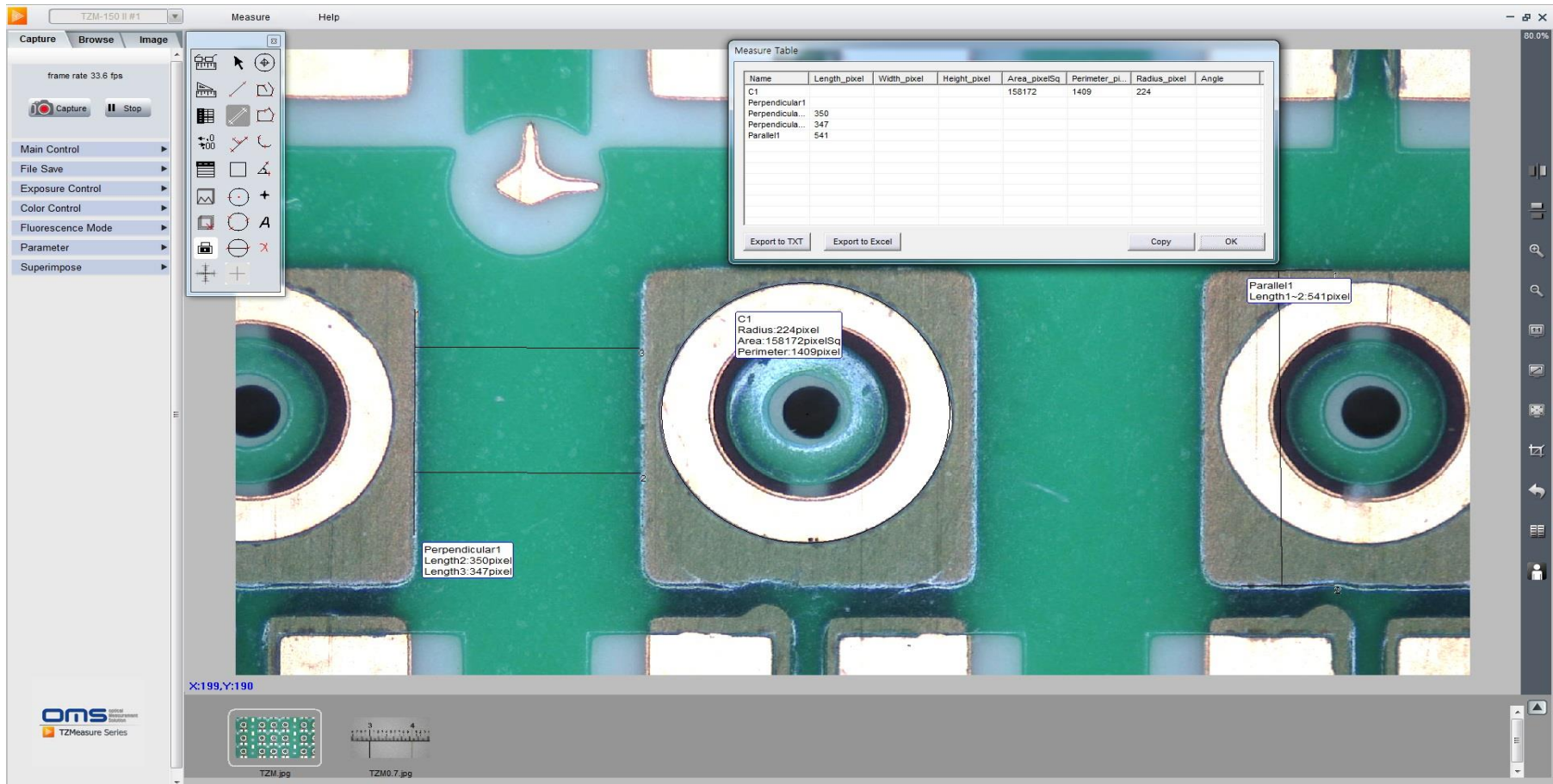
- Various samples available
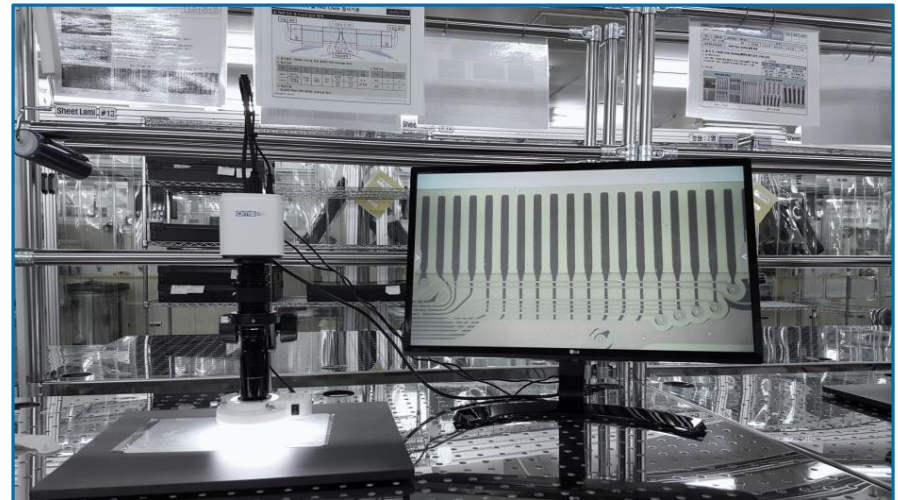
❖ Installation pictures

2. Introduction of item(Measurement Software)

○ **Key Features**

- User-friendly UI

- Can be software independently without a PC)

- Provides various 2D measurement tools

# 2. Introduction of item(Monitor Inspection : TZM & TZ Series)

❍ TZM-150II vs TZ-150II Specifications

| Division		For Measurement I-market Item Code Q230-099112 (TZM-150II)	For Inspection I-market Item Code Q230-089325 (TZ-150II)	Remark
Zoom Lens	Magnification (Optical)	30~190x (7~45)	30~210x (7~50)	on 20" Monitor
	Possible to attach auxiliary objective Lens	Yes	N/A	0.5~2x auxiliary objective Lens
	Click-Stop Function	Yes	N/A	For 2D Measurement
Camera	Max Resolution	6M		
	Frame Rate	60fps		
Included 2D Measurement Software		Yes	No	
Stand Size		400x350x350		
Reflected Light		RL LED		Included
LED Transmitted Light		LED BLU / 175mm*115mm		
Pol, Coaxial		Option		

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2. Installation pictures TZM / TZ-150II Series)
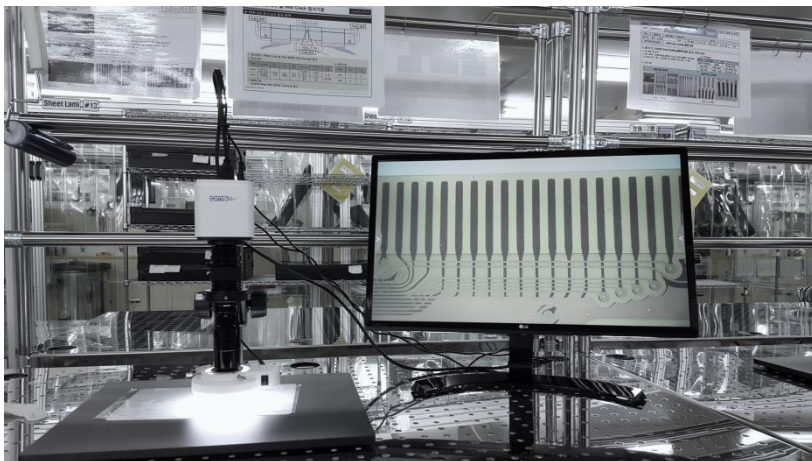
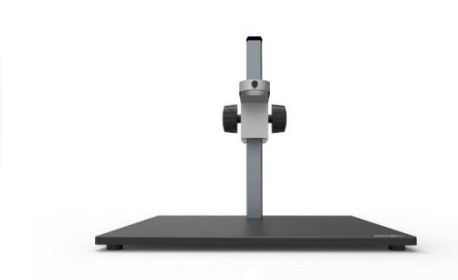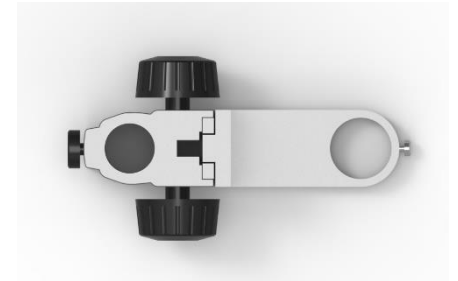# 2. Installation pictures (Large TLG/TLS Series)
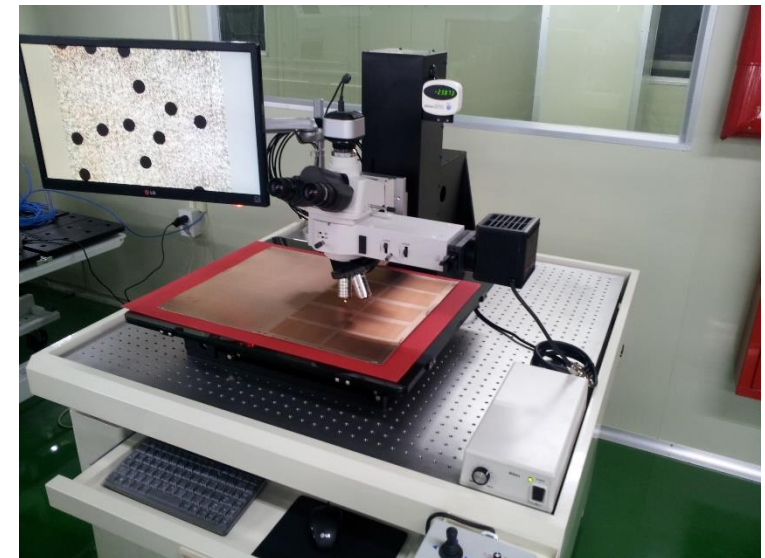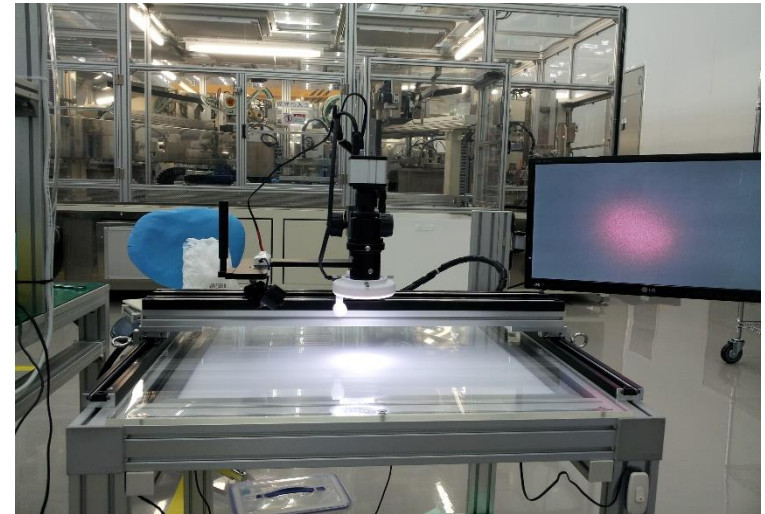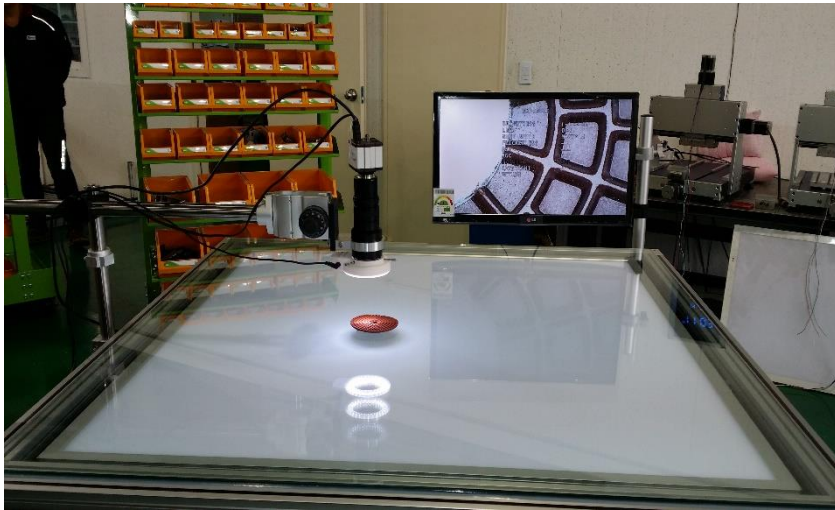
2. Installation pictures TZM / TZ-150II Series)
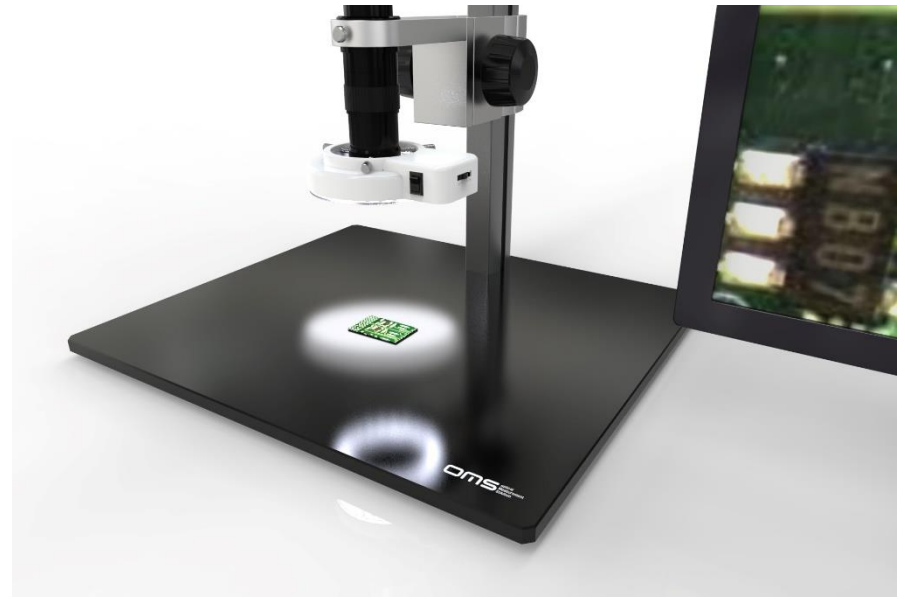
2. Installation pictures TZM / TZ-150II Series)

- ST150II Stand (New)

We are your best partner

Thanks!

- 본 문서는 당사의 소개문서로 그 어떠한 이유로도 복사되거나 인용될 수 없습니다.