

# IMT 3D™

## All applications in one system

### 3D measurement

### 3D surface roughness metrology by 『Areal』 (Areal Surface Texture Analysis)

#### Measuring accordingly

ISO 25178-606 : 2015

ISO 25178-3 : 2012

ISO 16610-62

ISO 4287

ISO 25178-2 : 2012

ISO 16610-61

ISO 16610-71

### Motorized stage control applications

Filter contamination Quick-Scan™

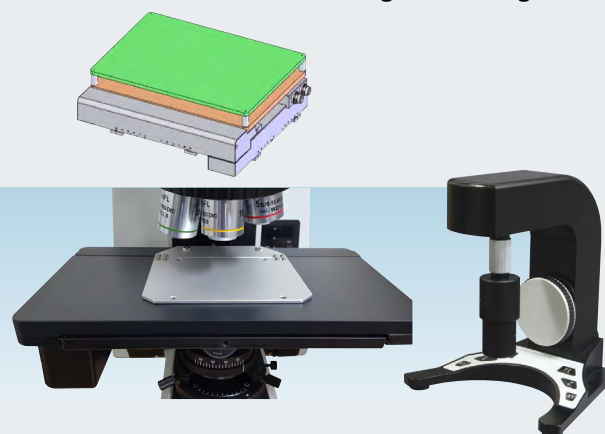
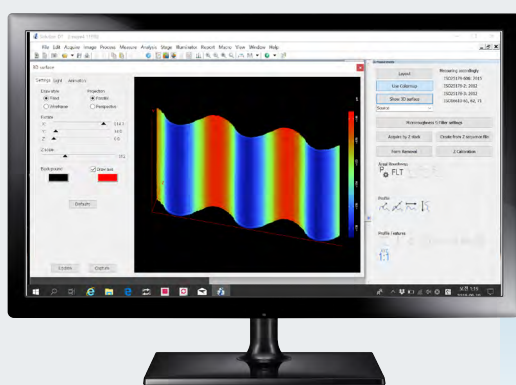
Nodularity Quick-Scan™

Ferrite Quick-Scan™

NMI Quick-Scan™

Grain Quick-Scan™

Motorized image stitching



### Components : Premium

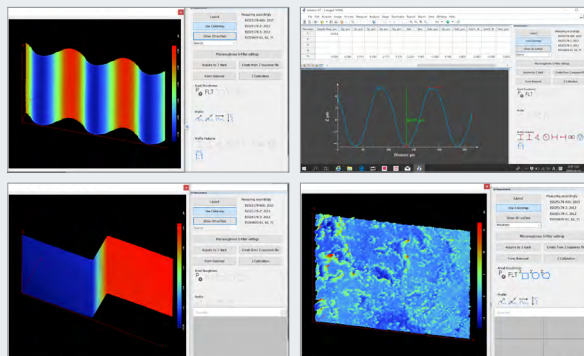
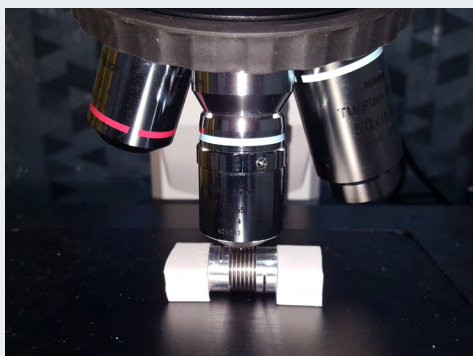
Piezo Z-stage + motorized XYZ stage + motorized control nosepiece microscope + WLI lenses + ordinary objective lenses + 3D application software + other motorized stage control applications + workstation computer

### Components : Standard

Piezo Z-stage + motorized XYZ stage + microscope + WLI lenses + ordinary objective lenses + 3D application software + workstation computer

### Components : Basic

Motorized Z stage + microscope + WLI lenses + ordinary objective lenses + 3D application software + notebook or personal computer



**IMT i-Solution Inc.**

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## 3D measurement and surface roughness metrology by 『Areal』 (Areal Surface Texture Analysis)

Measuring accordingly

ISO 25178-606 : 2015

ISO 25178-3 : 2012

ISO 16610-62

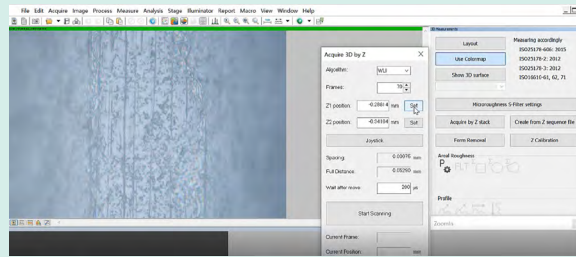
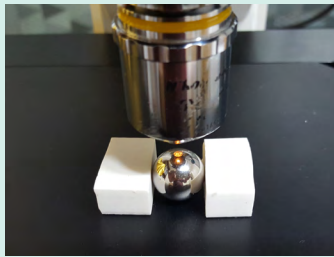
ISO 4287

ISO 25178-2 : 2012

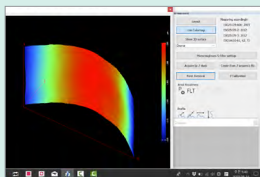
ISO 16610-61

ISO 16610-71

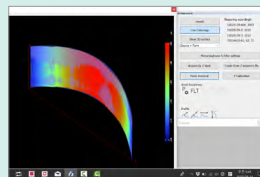
## A specimen



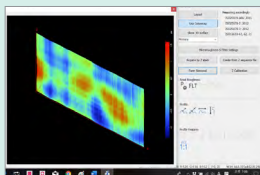
## Form removal



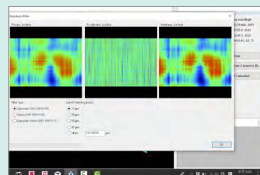
Source



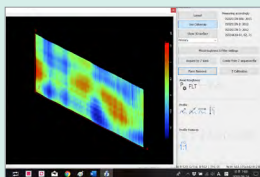
Source + Form



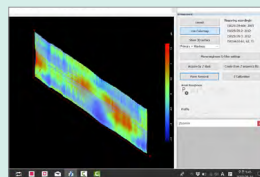
Primary



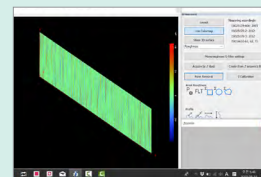
Waviness removal



Waviness

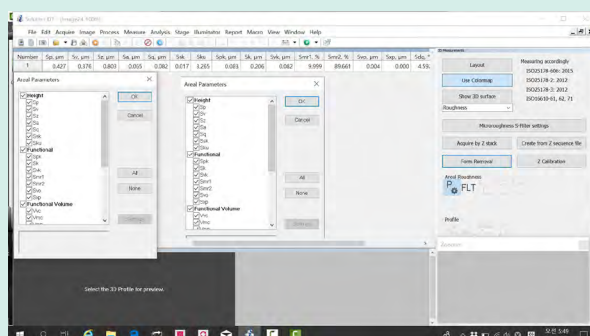


Primary + Waviness



Roughness

## Surface roughness measurement data by 『Areal』



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