

MICSYS™

Bulletin No. 1976



2D Nano-Resolution Sensor

Mitutoyo

System Configuration



Features

- Simultaneous X-Y position measurements
- Nanometer resolution
- Easy alignment
- Possible to measure directly on workpiece (no scale required)
- Application examples in the semiconductor and precision manufacturing industries:
 - Nano-positioning
 - Monitor performance of metrology and manufacturing frames (drift, hysteresis, repeatability)
 - Measure deformation

Specifications

Part Number	549-701
Part Name	MICSYS-SA1
Detection Method	Laser Speckle Image Correlation
Measurement Range	±100μm (2D)
Resolution	1nm
Accuracy	±100nm
Update Rate	20Hz
Sensor	41 (W) x 48 (L) x 39 (H) mm
I/F Controller	200 (W) x 216 (L) x 78 (H) mm
Accessories	Standard Target, Data Collection Software (CD-ROM)

CONTACT:

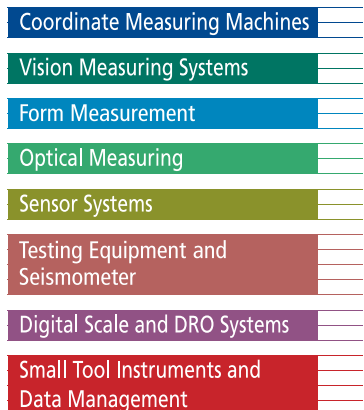
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