

TECHMASTER ELECTRONIC TRACEABILITY CHART DIMENSION

National Standard	International System of Units (SI)	Nation Standard	NIST	Nation Standard	NIST	NIST
Maker/Lab Working Standards	<div style="background-color: yellow; padding: 2px;">Electronic Indicator Calibrator STARRETT VKG-06 : ±0.1 μm</div> <div style="background-color: #f0f0f0; padding: 2px;">Mitutoyo Standard Roughness</div> <div style="background-color: yellow; padding: 2px;">Dial Meter Roundness Heidenhain ND281B +CT6001 Tranducer @ 1N : +/- 180 DEG</div> <div style="background-color: #f0f0f0; padding: 2px;">PRATT & WHITNEY U306270 : ± (0.05 + 0.5L μm)</div>	<div style="background-color: #d3d3d3; padding: 2px;">Dynamic Calibration System HP 5529A :0.2% of displayed reading</div>	<div style="background-color: #d3d3d3; padding: 2px;">PRATT & WHITNEY U306270 : ± (0.05 + 0.5L μm)</div>	<div style="background-color: #d3d3d3; padding: 2px;">Dynamic Calibration System HP 5529A :± 0.2% of displayed reading</div> <div style="background-color: #d3d3d3; padding: 2px;">PRATT & WHITNEY U306270 : ± (0.05 + 0.5L μm)</div>	<div style="background-color: #d3d3d3; padding: 2px;">6000, 200, DFT,UTG, SPG, AT, AIR& RTR : ± 0.5μm</div>	<div style="background-color: #d3d3d3; padding: 2px;">BAM-Set-Z Standards ±0.5 μm</div>
Accredited Laboratories	MICROREP (ITALYA)	VMI LAB	Techmaster De Mexico	VMI LAB	DEFELSKO LAB	BKY
Techmaster's Working Standards	<div style="background-color: yellow; padding: 2px;">Datum Sphere Assembly RENISHAW</div> <div style="background-color: #f0f0f0; padding: 2px;">Mitutoyo 178-603, Roughness Specimen ±2 μm</div> <div style="background-color: #f0f0f0; padding: 2px;">Long Gauge Block Set Grade 0 Mitutoyo (516-702-26) ±0.4 μm</div>	<div style="background-color: yellow; padding: 2px;">MITUTOYO 172-118, 172-116 Standard Glass Scale ±18μm</div>	<div style="background-color: yellow; padding: 2px;">Rahn, Repeato-Meter MAHR 1002Z : ±0.00002"</div>	<div style="background-color: yellow; padding: 2px;">MITUTOYO 172-118 Standard Glass Scale ±18μm</div> <div style="background-color: #f0f0f0; padding: 2px;">Long Gauge Block Set Grade 0 Mitutoyo (516- 702-26) ±0.4 μm</div>	<div style="background-color: yellow; padding: 2px;">Coating Thickness Standard Defelsko ±2μm</div>	<div style="background-color: yellow; padding: 2px;">High Gloss Standards BKY ±2μm</div>
Customer's Equipment	<div style="background-color: #90ee90; padding: 2px;">Other</div> <div style="background-color: #90ee90; padding: 2px;">Surface Roughnes Testers*</div> <div style="background-color: #90ee90; padding: 2px;">Ra Mode</div> <div style="background-color: #90ee90; padding: 2px;">Contour Mode</div>	<div style="background-color: #90ee90; padding: 2px;">Other:</div> <div style="background-color: #90ee90; padding: 2px;">Measuring Microscopes</div>	<div style="background-color: #90ee90; padding: 2px;">Other:</div> <div style="background-color: #90ee90; padding: 2px;">Surface Flatness –Repeatability</div>	<div style="background-color: #90ee90; padding: 2px;">Other :</div> <div style="background-color: #90ee90; padding: 2px;">Profile Projectors</div>	<div style="background-color: #90ee90; padding: 2px;">Other :</div> <div style="background-color: #90ee90; padding: 2px;">Coating Thickness Meter</div>	<div style="background-color: #90ee90; padding: 2px;">Other :</div> <div style="background-color: #90ee90; padding: 2px;">Gloss Meter</div>

Remark: * ISO/IEC 17025 accredited scopes approved by ANAB

Created by : Tien.Nguyen (QA Dept)