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LET'S INNOVATE !!!



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Motorized Lab Jack

NARD-80-50

Travel Range	50mm
Table Platform Size	80x120mm
Maximum Speed (1/2 Micro Step)	5mm/sec
Minimum Speed (1/8 Micro Step)	1.25mm/sec
Center Load Capacity	20kg
Hang Capacity (upside down use)	10kg

Minimum Height	900mm
Travel Range	z axis: 400mm
	θ axis: $\pm 90^\circ$
	Tilt: $\pm 1^\circ$
Load Capacity	200kg

Optical Adjustment System

NARD-PPS01



Motorized Vertical Lift Stage

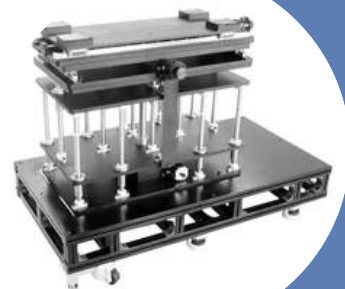
NARD-M-160-12

Travel Range	12mm
Table Platform Size	160x160mm
Maximum Speed (1/2 Micro Step)	10mm/sec
Minimum Speed (1/8 Micro Step)	2.5mm/sec
Center Load Capacity	40kg

Travel Range	z axis: ± 100 mm xy axis: ± 50 mm
Resolution	1 μ m
Load Capacity	100kg

Precision Positioning System

NARD-PPS02





Motorized High Load Vertical Lift Stage

NARD-M-300-50

Travel Range	50mm 100mm 150mm
Table Platform Size	300x300mm
Maximum Speed (1/2 Micro Step)	0.6mm/sec
Minimum Speed (1/8 Micro Step)	0.15mm/sec
Center Load Capacity	80kg

Travel Range	y axis: 1780mm x axis: 500mm z axis: 400mm
Resolution	x,y,z axis: 0.00125mm (8 subdivision)
Load Capacity	10kg

Optical Testing System

NARD-NNC03



Motorized High Load Vertical Lift Stage

NARD-M-500-300-H

Travel Range	300mm 400mm
Table Platform Size	500x500mm
Maximum Speed (1/2 Micro Step)	8mm/sec
Minimum Speed (1/8 Micro Step)	2mm/sec
Center Load Capacity	200kg

Travel Range	x,y,z axis: 50mm θ axis: 360° Tilt: $\pm 15^\circ$
Resolution	x,y,z axis: 0.00125mm (8 subdivision)
Load Capacity	10kg

Automatic 5-Axis Alignment System

NARD-NNC04





3-Axis Coordinate System

NARD-NNC05

Table Platform Size	160mmx160mm
Resolution(8 subdivision)	0.003125mm
Load Capacity	30kg
Travel Range of xyz Axis	600mm

Travel Range	50 100 150 200 mm
Table Platform Size	300x300mm
Maximum Speed (1/2 Micro Step)	2.9mm/sec
Minimum Speed (1/8 Micro Step)	0.725mm/sec
Center Load Capacity	100kg

Motorized High Load Vertical Lift Stage

NARD-M-300-50-H



Motorized XY Table

NARD-M-01-30-30

Travel Range	30mm x 30mm
Table Platform Size	110mm x 110mm
Maximum Speed (1/2 Micro Step)	10mm/sec
Minimum Speed (1/8 Micro Step)	2.5mm/sec
Load Capacity	
• Horizontal	20kg
• Vertical	5kg
• Upside Down	7.5kg

Table Diameter	60mm
Resolution (1/8 Micro Step)	0.0025°
Maximum Speed (1/2 Micro Step)	50°/s
Minimum Speed (1/8 Micro Step)	300"/s
Load Capacity	
• Horizontal	30kg
• Vertical/Upside Down	10kg

Motorized Rotation Stage

NARD-M-60





Motorized Xyz Stage Plus Rotation Stages

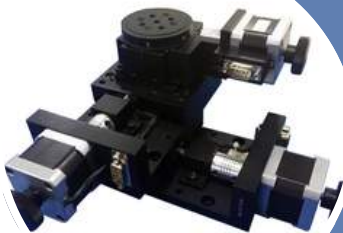
NARD-MR-06-02-200

Travel Range	XY Axis : 200mm 300mm 400mm 500mm Z Axis : 50mm R Axis : 360°
Platform Diameter	100mm
Maximum Speed (1/2 Micro Step)	XY Axis : 40mm/s Z Axis : 5mm/s R Axis : 25°/s
Center Load Capacity	20 kg
Resolution (1/8 Step)	XY Axis : 3.125μ R Axis : 0.00125°

Travel Range	200mm 300mm
Table Platform Size	600 x 600 mm
Maximum Speed (1/2 Micro Step)	0.6mm/sec
Minimum Speed (1/8 Micro Step)	0.1mm/sec
Center Load Capacity	80kg

Motorized High Load Vertical Lift Stage

NARD-M-600-200



Motorized XY Plus Rotary Stages

NARD-M-02-30-60

Travel Range	X & Y Axis : 30mm 50mm 100mm R Axis : 360°
Platform Diameter	60mm
Maximum Speed (1/2 Micro Step)	XY Axis : 10mm/sec R Axis : 50°/sec
Center Load Capacity	7.7kg 7.5kg 6.9kg
Resolution (1/8 Step)	X & Y Axis : 0.625μ R Axis : 0.0025°

Travel Range	X, Y, Z Axis : 150, 200, 300, 400 mm R Axis : 360°
Platform Diameter	100 mm
Maximum Speed (1/2 Micro Step)	X, Y, Z Axis : 20mm/sec 40mm/s R Axis : 25°/sec
Resolution (1/8 Step)	X, Y, Z Axis : 1.5625μ 3.125μ R Axis : 0.00125°
Center Load Capacity	10kg

4-Axis Motorized Positioning Stages

NARD-MR-06-01-150





Motorized Rotation Stage
NARD-M-100-30

Table Diameter	60mm
Maximum Speed (1/2 Micro Step)	25°/s
Minimum Speed (1/8 Micro Step)	150"/s
Load Capacity	50kg
• Horizontal	20kg
• Vertical/Upside Down	
Resolution (1/8 Step)	0.0025°

Travel Range	30x30x30 50x50x50 100x100x100mm
Platform Diameter	100 mm
Maximum Speed (1/2 Micro Step)	10mm/sec
Minimum Speed (1/8 Micro Step)	2.5mm/sec
Resolution (1/8 Step)	0.625μ
Vertical Load Capacity	5kg

Motorized XYZ-Axis Positioning Stage

NARD-M-02-30-30-30



Motorized XY Microscope Stage

NARD-M-01-100-100

Travel Range	100mm x 100mm
Maximum Speed	20mm/s
Load Capacity	20kg
Resolution (8 subdivision)	1.25μ

Travel Range	θx : 360° θz : ±180°
Optic Diameter	200 mm
Maximum Speed (1/2 Micro Step)	θx : 50°/sec θz : 25°/sec
Minimum Speed (1/8 Micro Step)	θx : 0.08°/sec θz : 0.04°/sec
Resolution (1/8 Step)	θx : 0.0025° θz : 0.00125°
Vertical Load Capacity	10kg

Motorized Gimbal Mirror Mount

NARD-M-01-200





Miniature Motorized Linear Stage

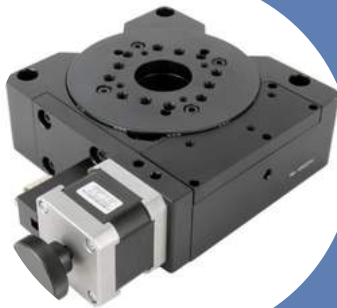
NARD-M-01-25

Travel Range	25mm
Maximum Speed (1/2 Micro Step)	20mm/s
Minimum Speed (1/8 Micro Step)	2.5mm/sec
Resolution (1/8 Micro Step)	0.3125μ
Load Capacity	
• Horizontal	20kg
• Vertical	10kg

Travel Range	±15°
Platform Size	65mm x 65mm
Maximum Speed	7°/sec
Resolution (8 subdivision)	0.00045°
Horizontal Load Capacity	4kg

Motorized Goniometer Stage

NARD-M-65-15



Motorized Rotary Stage

NARD-M-100-30-A

Table Diameter	100mm
Resolution (1/8 Micro Step)	0.00125°
Maximum Speed (1/2 Micro Step)	25°/s
Minimum Speed (1/8 Micro Step)	150"/s
Load Capacity	
• Horizontal	50kg
• Vertical/Upside Down	50kg

Table Diameter	100mm
Maximum Speed (1/2 Micro Step)	25°/s
Minimum Speed (1/8 Micro Step)	150"/s
Resolution (1/8 Micro Step)	0.00125°
Load Capacity	
• Horizontal	50kg
• Vertical/Upside Down	20kg

Motorized Rotary Stage

NARD-M-100-36-T





Custom Motorized Gimbal Mirror Mount

NARD-M-01-50

Optic Diameter	50.8mm
Maximum Speed (1/2 Step)	θ_x : 50°/sec θ_z : 25°/sec
Resolution (1/8 Step)	θ_x : 0.0025° θ_z : 0.00125°
Travel Range	θ_x : 360° θ_z : ±180°
Load Capacity	10kg

Travel Range	50mm
Maximum Speed (1/2 Micro Step)	10mm/sec
Minimum Speed (1/8 Micro Step)	2.5mm/sec
Resolution (1/8 Micro Step)	0.625 μ
Load Capacity	<ul style="list-style-type: none"> • Horizontal 10kg • Vertical 5kg

Motorized Linear Stage

NARD-M-02-50



Motorized Goniometric Stage

NARD-M-130-10

Platform Size	120 x 130 mm
Maximum Speed	10°/sec
Resolution (8 subdivision)	0.0005357°
Travel Range	±10°
Horizontal Load Capacity	10kg

Travel Range	50mm
Maximum Speed (1/2 Micro Step)	10mm/sec
Minimum Speed (1/8 Micro Step)	2.5mm/sec
Resolution (1/8 Micro Step)	0.625 μ
Load Capacity	<ul style="list-style-type: none"> • Horizontal 10kg • Vertical 5kg

Motorized Xyz Stage

NARD-M-06-150-150-150





Motorized Linear Stage

NARD-M-02-100

Travel Range	100 mm
Table Size	185x90mm
Maximum Speed (1/2 Micro Step)	10mm/sec
Minimum Speed (1/8 Micro Step)	2.5mm/sec
Resolution (8 subdivision)	0.625μ
Load Capacity	10kg 5kg

Travel Range	±10°
Maximum Speed	10°/sec
Platform Size	120mm x 130mm
Resolution	0.0043 to 0.000017° (Default 0.000043°)
Horizontal Load Capacity	10kg

Goniometer With Integrated Motor

NARD-M-130-10-E



XY Stage With Integrated Motor

NARD-M-02-30-30-E

Travel Range	30x30 50x50 100x100 mm
Maximum Speed	110mm/sec
Resolution	5μ to 0.01953μ (Default 0.05μ)
Center Load Capacity	8.7kg 8.5kg 7.9kg

Table Diameter	400mm
Maximum Speed (1/2 Micro Step)	6.25°/sec
Minimum Speed (1/8 Micro Step)	37.5"/s
Resolution (1/8 Micro Step)	0.0003125°
Load Capacity	100kg 80kg

Motorized Rotary Table

NARD-M-215-70





Motorized 2-Axis Goniometer Stage

NARD-M-65-10-15

Travel Range	±10°, ±15°
Platform Size	65mm x 65mm
Maximum Speed	5°/sec, 7°/sec
Resolution (8 subdivision)	0.00032°, 0.00045°
Horizontal Load Capacity	3kg

Table Diameter	215mm
Maximum Speed (1/2 Micro Step)	26°/s
Minimum Speed (1/8 Micro Step)	≈45"/s
Load Capacity	
• Horizontal	60kg
• Vertical/Upside Down	40kg

Closed-Loop Motorized Rotary Table

NARD-M-215-70-G



Closed-Loop Motorized Rotary Stage

NARD-M-100-30-A-G

Table Diameter	100 mm
Maximum Speed (1/2 Micro Step)	25°/s
Minimum Speed (1/8 Micro Step)	45"/s
Load Capacity	
• Horizontal	50kg
• Vertical/Upside Down	20kg

Table Diameter	300mm
Maximum Speed (1/2 Micro Step)	7.8°/s
Minimum Speed (1/8 Micro Step)	46.875"/s
Load Capacity	
• Horizontal	80kg
• Vertical/Upside Down	60kg
Resolution (1/8 Micro Step)	0.0004°

High Load Precise Motorized Rotary Table

NARD-M-300-A





Motorized Goniometric Stage
NARD-M-120-15

Travel Range	±15°
Resolution (8 subdivision)	0.00075°
Maximum Speed	25°/s
Platform Size	120mm x 120mm
Horizontal Load Capacity	10kg

Travel Range	±15°
Maximum Speed	15°/sec
Platform Size	120mm x 120mm
Horizontal Load Capacity	10kg
Resolution	0.0043 to 0.000017° (Default 0.000043°)

Goniometer With Integrated Motor
NARD-M-120-15-E



Linear Bearings Motorized Translation
NARD-M-03-50

Travel Range	50mm 100mm 150mm
Resolution (1/8 Micro Step)	1.25μ
Maximum Speed (1/2 Micro Step)	20mm/sec
Minimum Speed (1/8 Micro Step)	5mm/sec
Load Capacity	
• Horizontal	15kg
• Vertical	7kg

Travel Range	50 100 150 200 300 400mm 500mm
Table Size	100x150mm
Resolution (1/8 Micro Step)	1.25μ 2.5μ 3.125μ
Maximum Speed (1/2 Micro Step)	20mm/sec 40mm/sec
Minimum Speed (1/8 Micro Step)	5mm/sec 10mm/sec
Load Capacity	
• Horizontal	20kg 40kg
• Vertical	10kg

Supported Linear Rails Motorized Linear
NARD-M-04-50



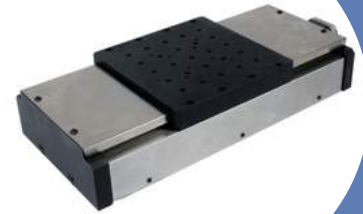


Motorized XY Table
NARD-M-03-50-50

Travel Range	50mm x 50mm
Resolution (1/8 Step)	0.46875μ
Maximum Speed (1/2 Step)	10mm/s
Platform Size	110mm x 110mm
Center Load Capacity	30kg

Travel Range	50 100 150 200 300 400 500 mm
Table Size	100x150mm
Resolution (1/8 Micro Step)	1.25μ 2.5μ 3.125μ
Maximum Speed (1/2 Micro Step)	20mm/sec 40mm/sec
Minimum Speed (1/8 Micro Step)	5mm/sec 10mm/sec
Load Capacity	<ul style="list-style-type: none"> • Horizontal 20kg 40kg • Vertical 10kg

Motorized Linear Stage With Dustproof
NARD-M-04-50-C



Motorized XY Stage
NARD-M-02-100-30

Travel Range	100 x 30 mm 100 x 50 mm
Resolution (8 Subdivision)	0.625μ
Maximum Speed	10mm/sec
Center Load Capacity	8.7kg 8.5kg

Travel Range	400mm 500mm 600mm 850 1000 mm
Table Size	160 x 160 mm
Resolution (1/8 Micro Step)	3.125μ
Maximum Speed (1/2 Micro Step)	40mm/sec
Minimum Speed (1/8 Micro Step)	10mm/sec
Load Capacity	<ul style="list-style-type: none"> • Horizontal 50kg • Vertical 30kg

High Precision Motorized Linear Stage
NARD-M-06-400





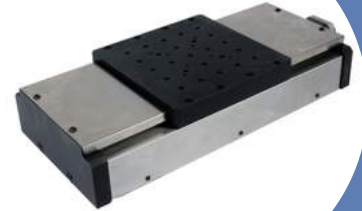
Motorized Translation Stage
NARD-M-02-30-E

Travel Range	30 mm 50 mm 100 mm
Table Size	90x90 110x90 185x90 mm
Maximum Speed (1/2 Micro Step)	10mm/sec
Resolution	5μ to 0.01953μ (Default 0.05μ)
Load Capacity	<ul style="list-style-type: none"> Horizontal 10kg Vertical 5kg

Travel Range	400mm 500mm
Table Size	160 x 160 mm
Resolution (1/8 Micro Step)	3.125μ
Maximum Speed (1/2 Micro Step)	40mm/sec
Minimum Speed (1/8 Micro Step)	10mm/sec
Load Capacity	<ul style="list-style-type: none"> Horizontal 50kg Vertical 10kg

Motorized Linear Stage With Dustproof

NARD-M-06-400-C



Custom Motorized XY Stage For Wafer
NARD-M-01-300-300

Travel Range	300mm x 300mm
Table Size	90x90 110x90 185x90 mm
Maximum Speed (1/2 Micro Step)	20mm/s
Resolution (1/8 step)	2.5μ
Load Capacity	30kg

Table Diameter	400 mm
Maximum Speed (1/2 Micro Step)	6.25°/sec
Minimum Speed (1/8 Micro Step)	37.5°/s
Resolution (1/8 Micro Step)	0.0003125°
Load Capacity	<ul style="list-style-type: none"> Horizontal 100kg Vertical/Upside Down 80kg

High Load Precise Motorized Rotary Table

NARD-M-400-A



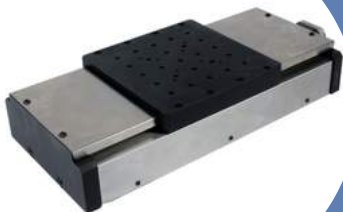


Motorized Translation Stage With Power
NARD-M-06-400-B

Travel Range	400 500 600 mm
Table Size	160x160mm
Resolution (1/8 Micro Step)	3.125 μ
Maximum Speed (1/2 Micro Step)	40mm/sec
Minimum Speed (1/8 Micro Step)	10mm/sec
Load Capacity	<ul style="list-style-type: none"> • Horizontal 50kg • Vertical 30kg

Travel Range	50 mm 100 mm 150 mm 200 mm 300 mm
Table Size	160x160mm
Resolution (1/8 Micro Step)	1.5625 μ 3.125 μ
Maximum Speed (1/2 Micro Step)	20mm/sec 40mm/sec
Minimum Speed (1/8 Micro Step)	5mm/sec 10mm/sec
Load Capacity	<ul style="list-style-type: none"> • Horizontal 30kg • Vertical 10kg

Motorized Translation Stage With Grating
NARD-M-07-50-G



Motorized Linear Stage With Dustproof
NARD-M-06-50-C

Travel Range	50 100 150 200 300 mm
Table Size	160x160mm
Resolution (1/8 Micro Step)	1.5625 μ 3.125 μ
Maximum Speed (1/2 Micro Step)	20mm/sec 40mm/sec
Minimum Speed (1/8 Micro Step)	5mm/sec 10mm/sec
Load Capacity	<ul style="list-style-type: none"> • Horizontal 30kg • Vertical 10kg



Motorized Vertical Lift Stage

NARD-M-200-25

Travel Range	25mm
Table Size	200x200mm
Resolution (1/8 Micro Step)	0.5μ
Maximum Speed (1/2 Micro Step)	10mm/sec
Minimum Speed (1/8 Micro Step)	2.5mm/sec
Center Load Capacity	50kg

Travel Range	150 200 300 mm
Platform Size	160x160mm
Resolution (8 Subdivision)	3.125μ
Maximum Speed	20mm/sec 40mm/sec
Center Load Capacity	20kg

Motorized XY Translation Stage

NARD-M-06-150-150



High Precision Motorized Linear Stage

NARD-M-07-50

Travel Range	50 100 150 200 300 400 500 mm
Table Size	160x160mm
Resolution (1/8 Micro Step)	1.5625μ 3.125μ
Maximum Speed (1/2 Micro Step)	20mm/sec 40mm/sec
Minimum Speed (1/8 Micro Step)	5mm/sec 10mm/sec
Load Capacity	<ul style="list-style-type: none"> Horizontal: 30kg 50kg Vertical: 10kg 30kg

Travel Range	±10°, ±15°
Platform Size	120mm x 120mm
Resolution (8 subdivision)	0.0005357°, 0.00075°
Maximum Speed	10°/sec, 15°/sec
Horizontal Load Capacity	10kg

Motorized 2-Axis Goniometer Stage

NARD-M-120-10-15





6-Axis Motorized Positioning Stages

NARD-M-30

Travel Range	X, Y, Z Axis:- 30 50 100 mm Theta X:- ±10° Theta Y:- ±180° Theta Z:- ±15°
Top Platform Size	65x65mm
Resolution (1/8 Micro Step)	X, Y, Z Axis:- 0.625μ Theta X:- 0.00032° Theta Y:- 0.00125° Theta Z:- 0.00045°
Maximum Speed (1/2 Micro Step)	X, Y, Z Axis:- 10mm/sec Theta X:- 5°/sec Theta Y:- 25°/sec Theta Z:- 7°/sec
Center Load Capacity	4kg 4kg 4kg

Table Diameter	200mm
Resolution (1/8 Micro Step)	0.00125°
Maximum Speed (1/2 Micro Step)	25°/s
Minimum Speed (1/8 Micro Step)	150"/s
Load Capacity	
• Horizontal	60kg
• Vertical/Upside Down	20kg

Motorized Rotary Table

NARD-M-200-90



Motorized Goniometer Stage

NARD-M-160-15

Travel Range	±15°
Platform Size	160mm x 160mm
Resolution (8 subdivision)	0.0005625°
Maximum Speed	10°/sec
Horizontal Load Capacity	30kg



Motorized Rotary Stage With Built-In
NARD-M-100-30-A-E

Table Diameter	100 mm
Resolution	0.01° to 0.000039° (Default 0.0001°)
Maximum Speed (1/4 Micro Step)	25°/s
Load Capacity	<ul style="list-style-type: none"> Horizontal 50kg Vertical/Upside Down 20kg

Travel Range	30x30 50x50 100x100mm
Table Size	90x90 90x110 90x185 mm
Resolution (1/8 Micro Step)	0.625μ
Maximum Speed (1/2 Micro Step)	10mm/sec
Minimum Speed (1/8 Micro Step)	
Load Capacity	<ul style="list-style-type: none"> Horizontal 8.7kg 3kg 4.2kg Vertical 5kg

Motorized XY Stage
NARD-M-02-30-30



Miniature Motorized Linear Stage
NARD-M-02-30

Travel Range	30 mm
Table Size	90x90mm
Resolution (1/8 Micro Step)	0.625μ
Maximum Speed (1/2 Micro Step)	10mm/sec
Minimum Speed (1/8 Micro Step)	2.5mm/sec
Load Capacity	<ul style="list-style-type: none"> Horizontal 10kg Vertical 5kg



Motorized Goniometer

NARD-M-160-30

Travel Range	±30°
Platform Size	160mm x 160mm
Resolution (8 subdivision)	0.0005625°
Maximum Speed	10°/sec
Horizontal Load Capacity	30kg

Travel Range	50 100 150 200 300 mm
Table Size	160x160mm
Resolution (1/8 Micro Step)	1.5625µ 3.125µ
Maximum Speed (1/2 Micro Step)	40mm/sec
Minimum Speed (1/8 Micro Step)	10mm/sec
Load Capacity	<ul style="list-style-type: none"> Horizontal 50kg Vertical 30kg

Motorized Translation Stage With Power

NARD-M-06-50-B



High Precision Motorized Linear Stage

NARD-M-06-50

Travel Range	50 100 150 200 300 mm
Table Size	160x160mm
Resolution (1/8 Micro Step)	1.5625µ 3.125µ
Maximum Speed (1/2 Micro Step)	20mm/sec 40mm/sec
Minimum Speed (1/8 Micro Step)	5mm/sec 10mm/sec
Load Capacity	<ul style="list-style-type: none"> Horizontal 30kg Vertical 10kg

Travel Range	xy axis: 100mm z axis: 25mm Tx axis: ±15° Tz axis: 360°
Platform Size	350x350mm
Resolution	xy axis: 0.001mm z axis: 0.001mm Tx axis: 0.001° Tz axis: 0.001°
Load Capacity	50kg

Manual 5-Axis Alignment System

NARD-NNC07



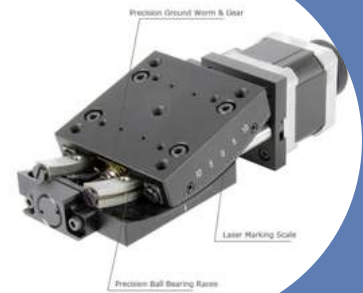


**Linear Bearings
Motorized
Translation**
NARD-M-03-200

Travel Range	200mm 300mm
Table Size	120x120mm
Resolution (1/8 Micro Step)	2.5μ
Maximum Speed (1/2 Micro Step)	40mm/sec
Minimum Speed (1/8 Micro Step)	10mm/sec
Load Capacity	
• Horizontal	7kg 5kg
• Vertical	3kg 2kg

Travel Range	±10°
Platform Size	65mm x 65mm
Maximum Speed	5°/sec
Resolution (8 subdivision)	0.00032°
Horizontal Load Capacity	4kg

**Motorized
Goniometer Stage**
NARD-M-65-10



SPECIFICATIONS

S.N.	Parameter	Value
1	Model	MOZ-80-50
2	Travel Range	50mm
3	Table Size	80x120mm
4	Mechanical Drive System	Lead Screw
5	Screw Pitch	1.25mm
6	Guide Type	Scissor Structure
7	Maximum Speed (1/2 Micro Step)	5mm/sec
8	Minimum Speed (1/8 Micro Step)	



2024

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