

LD60-LM Manual Linear Stage

Product Manual

There are many types of manual translation stages and a complete range of combinations. It is widely used in scientific research units, automatic measurement inspection, industrial automation and other fields, and can realize automatic displacement control under vacuum, pollution, sterile, radiation and other environments. From the moving direction, it can be divided into the horizontal displacement direction, that is, the X axis (Y); the vertical lifting direction, that is, the Z axis; the vertical rotation direction, that is, the R axis; the horizontal rotation direction, that is, the G axis. Any combination of each axis can form three-axis motion in space XZY, four-axis motion in space XYZR, five-axis motion in space XYZRTx, and six-axis motion in space XYZRTxTy, thus helping to meet the various space requirements of users and the precision displacement of each degree of freedom.

working principle: Fine grinding and fine-tuning thread drive

Material:

Slider: National standard alloy, hard oxidation treatment

rack:Wear-resistant brass, the surface is plated with hard winding treatment, which can adapt to different harsh environments and prolong the service life.

Adjusting screw: stainless steel material, surface passivation treatment, never rust or change color.

Product parameters:

Model:LD60-LM

Table size:60*60mm (2.36inch)

Moving direction:X,Y, Z Axis

Travel: XY:±6.5mm , Z: 10mm

Load:24.5N(3kgf)

Material:Aluminum

Min Scale:0.01mm

Accuracy:0.03mm

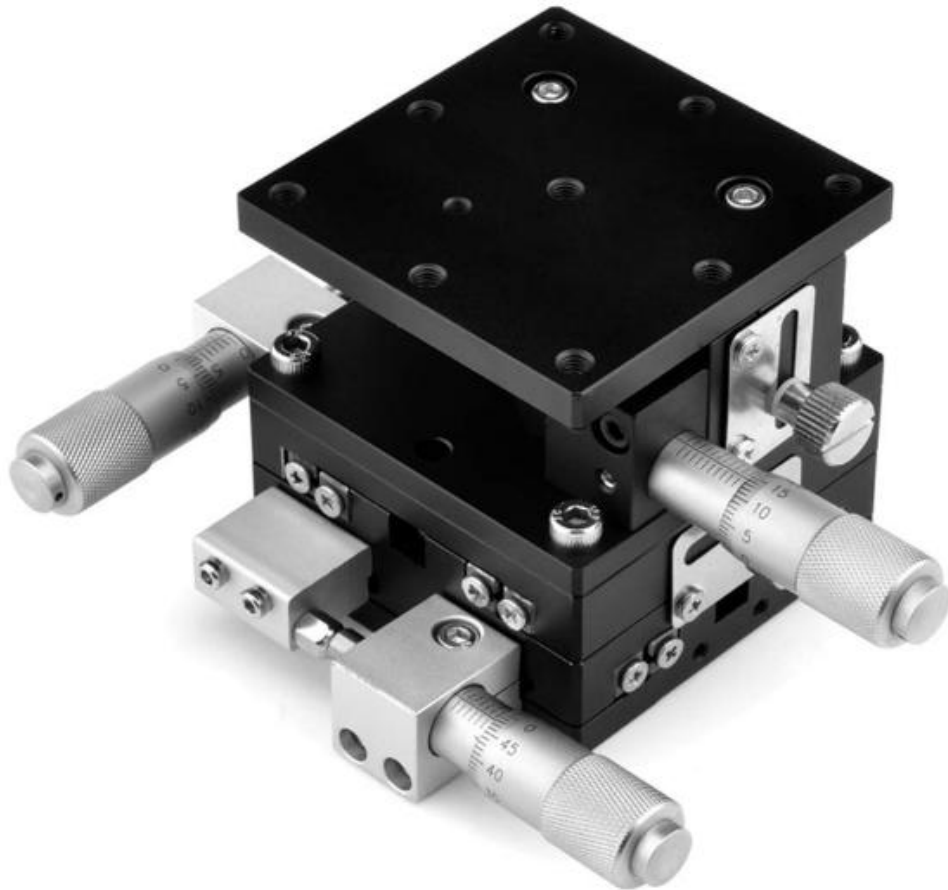
Parallelism:0.03mm

Net Weight:0.75kg

Package includes:

1pcs XYZ Axis LD60-LM Linear Stage Table

Product display:



2.36"x2.36" xyz Axis Linear Stage





XYZ Axis Linear Stage Table



	组合滑台		table size	Stroke		load	Min scale	Precision	Parallelism	weight (Kg)
	xy axis	Z axis		xyaxis	Z axis					
HLD40-LM	HLY40-LM	HLZ-40	40x40	± 6.5mm	10mm	19.2N(2kgf)	0.01mm	0.02mm	0.02mm	0.44
HLD60-LM	HLY60-LM	HLZ-60	60x60			24.5N(3kgf)		0.75		
HLD60-LM-2	HLY60-LM	HLZ60-2	60x60			58.8N(6kgf)		0.87		
HLD80-L-2	HLY80-L	HLZ80-2	80x80	88.2N(9kgf)		1.82				
HLD90-LM	HLY90-LM	HLZ-90	90x90	49N(5kgf)		1.45				
HLD90-LM-2	HLY90-LM	HLZ90-2	90x90	88.2N(9kgf)		1.70				
HLD125-LM-2	HLY125-LM	HLZ125-2	125x125	147N(15kgf)		0.04mm		0.04mm	4.78	

	A	H	F	J	W	W ₁	X	Y	d	D	h	台面尺寸请参考			
HLD40-LM	40	65	18	12.6	45.5	23	32	32	3.5	6.5	3.5	HLZ40			
HLD60-LM	60	65	20		41.5	28	50	50	4.5	8	4.5	HLZ60			
HLD60-LM-2		72										HLZ60-2			
HLD80-L-2	80	80			50	50	70	70				HLZ80-2			
HLD90-LM	90	65			41.5	32.5	80	80				HLZ90			
HLD90-LM-2		70										HLZ90-2			
HLD125-LM-2	125	91		12.8	45.5	45.5	50	100				HLZ125-2			

