

## Precision Labjacks

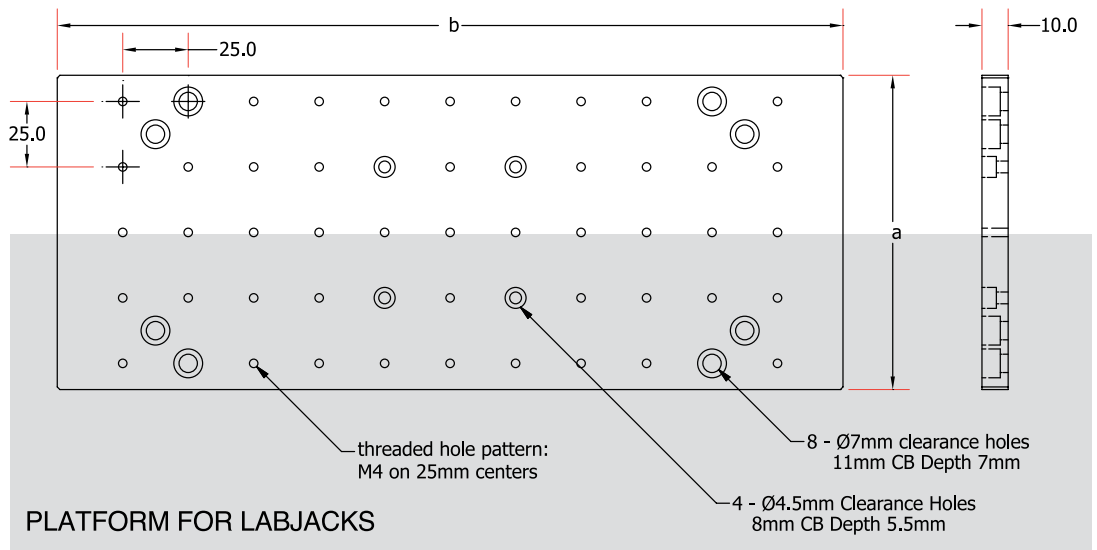
- Sturdy pantograph design
- Precision lead screw drive
- Top and bottom plates parallel to  $\pm 50$ microns
- Load capacity in excess of 20kg



Labjacks are a convenient way of providing a large range of vertical travel for the alignment of a laser or sub-system. The bottom plate is secured to the base and the top platform provides a new baseplate for the device to be elevated. Rotation of the knob projecting from the end of the labjack elevates the platform while holding it parallel to the base. Quite heavy loads can be mounted on these labjacks and then positioned to a surprisingly high level of accuracy. Labjacks are extremely useful for making up height differences during the set up of an optical system. Oversize platforms threaded with 1/4-20 or M6 holes are also offered to provide for handling larger or more complex optical systems.

## Specifications & Tolerances

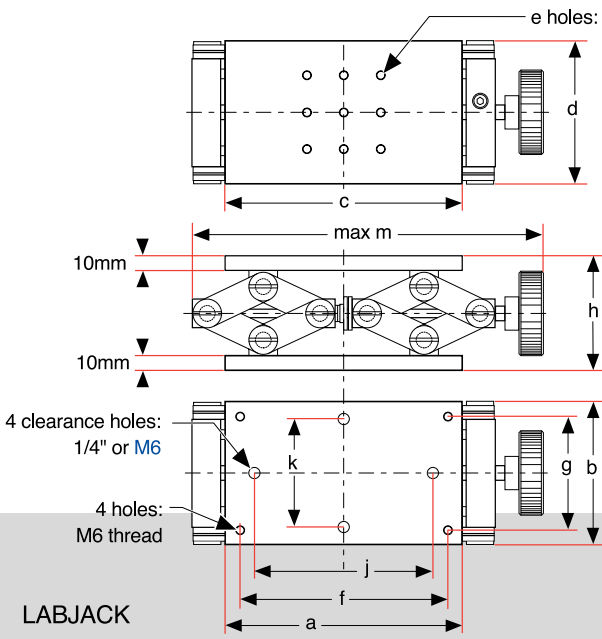
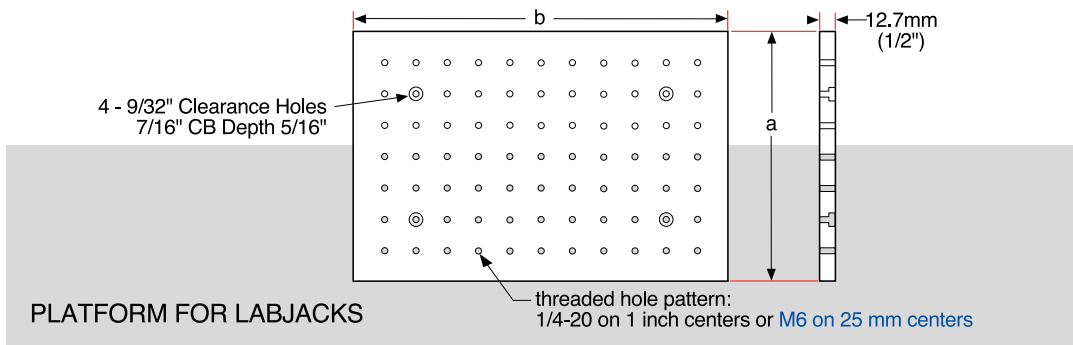
Dimensions:  $\pm 0.2$ mm  
 Parallelism:  $\pm 0.05$ mm  
 Material: Aluminum  
 Finish: Black anodized



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Product No.	Dimensions (mm)				No. of Holes	Dimensions (mm)					
	a	b	c	d		e	f	g	h	j	k
123-6670	160	80	132	80	9	140	60	63-85	152.4	50.8	177
123-6675	160	80	132	80	9	140	60	63-85	125	50	177
123-6680	160	100	170	100	9	150	80	82-122	152.4	76.2	252
123-6685	160	100	170	100	9	150	80	82-122	125	75	252
123-6690	210	170	210	170	25	190	150	100-170	152.4	152.4	350
123-6695	210	170	210	170	25	190	150	100-170	150	150	350

### Precision Labjacks

Dimensions, a x b (mm)	Height Travel, h (mm)	Load Capacity (kg)	Price	INCH	METRIC
				PART NUMBER	PART NUMBER
132 x 80	63 - 85	20		123-6670	123-6675
160 x 100	82 - 122	25		123-6680	123-6685
210 x 170	100 - 170	30		123-6690	123-6695

### Platforms for Labjacks

Dimensions (mm) a x b	Thickness, t (mm)	Hole Pattern	Price	INCH	METRIC
				PART NUMBER	PART NUMBER
120 x 120	10.0	M4 on 25mm centers		-	145-1103
200 x 200	10.0	M4 on 25mm centers		-	145-1113
300 x 300	10.0	M4 on 25mm centers		-	145-1134
203 x 203	12.7	1/4-20 or M6 on 25mm centers		145-1110	145-1115
203 x 305	12.7	1/4-20 or M6 on 25mm centers		145-1120	145-1125
305 x 305	12.7	1/4-20 or M6 on 25mm centers		145-1130	145-1135
305 x 457	12.7	1/4-20 or M6 on 25mm centers		145-1140	145-1145
305 x 610	12.7	1/4-20 or M6 on 25mm centers		145-1150	145-1155
457 x 610	12.7	1/4-20 or M6 on 25mm centers		145-1160	145-1165

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