

Prism Tables

- Tip-tilt adjustment built in
- 2-axis and 3-axis versions
- Prism clamps included
- Can be post mounted
- Three sizes cover most commonly used prisms



Prisms and cube beamsplitters need to be openly mounted so that the entrance and exit beams can pass unimpeded. These prism tables provide a flat surface with either two or three axes of tilt adjustment built in. The prism can be placed on top of the table and secured by means of a spring clamp. Thumb-wheels protruding from the side of the table are used to adjust the tilt of the table over a range of 4 degrees. The third-axis, when present, is adjusted over a range of 6 degrees by means of a knob protruding from the side.

The base of the tables are threaded 8-32 or M4 for inch or metric post mounting. Alternatively, they can be mounted directly onto a base plate or a stage by using the two clearance holes provided.

Specifications & Tolerances

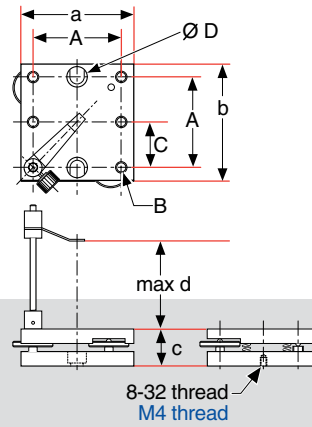
Dimensions: $\pm 0.2\text{mm}$
 Material: Aluminum
 Finish: Black anodized

Adjustment:

	2-axis	3-axis
Range	± 2 degrees	± 3 degrees
Sensitivity	3arcmin	3arcmin

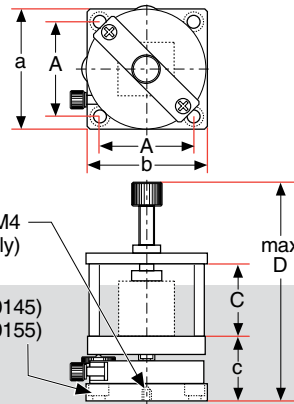
ORDERING
 &
 TECHNICAL SUPPORT
 (949) 851-5881
 FAX (949) 851-5058
 E-MAIL
 sales@optosigma.com
 WEB
 www.optosigma.com

Product No.	Dimensions (mm)							Clearance Hole D
	a	b	c	d	A	B	C	
113-0110	25.0	25.0	22.0	25.0	----	----	----	M2
113-0115	25.0	25.0	22.0	25.0	----	----	----	M2
113-0120	40.0	40.0	50.5	35.0	31.75	6-32	15.875	6-32
113-0125	40.0	40.0	50.5	35.0	32	M4	16	M4
113-0130	65.0	65.0	50.5	50.0	50.8	1/4-20	25.4	1/4-20
113-0135	65.0	65.0	50.5	50.0	50	M6	25	M6



PRISM TABLE 2-AXIS

Product No.	Dimensions (mm)						Clearance Hole B
	a	b	c	A	C	D	
113-0140	40.0	40.0	25.0	31.75	32	96	6-32
113-0145	40.0	40.0	25.0	32	32	96	M3
113-0150	65.0	65.0	35.0	50.8	40	122	1/4-20
113-0155	65.0	65.0	35.0	50	40	122	M6



3 counterbored clearance holes for B (113-0140/0145)
 4 counterbored holes for B (113-0150/0155)

PRISM TABLE 3-AXIS

Prism Tables

To Hold Prism Side, S	Axes of Tilt	Dimensions, a x b x c	Price	INCH	METRIC
				PART NUMBER	PART NUMBER
0.20-1.00	2	25.0 x 25.0 x 21.0		113-0110	113-0115
0.50-1.38	2	40.0 x 40.0 x 16.0		113-0120	113-0125
1.00-2.00	2	65.0 x 65.0 x 20.5		113-0130	113-0135
0.04-0.39	3	25.0 x 25.0 x 15.0		-	155-1440
0.20-1.00	3	40.0 x 40.0 x 25.0		113-0140	113-0145
0.50-1.50	3	65.0 x 65.0 x 35.0		113-0150	113-0155



Our beamsplitter cube assembly takes place in a clean room environment to ensure high quality. For more information on beamsplitters turn to pages 167-193.