



## Custom Shape Prisms

1390

### English and Metric

Accurate to  $\pm 1\%$  of rated BAF. Efficient familiar design (30° ellipse curvature at top) for all general cruising. Base is parallel to horizontal axis for slope correction reference. 40 mm x 40 mm. Leather case.



## Rectangular Prisms

1391

### English

Accurate to  $\pm 1\%$  of rated BAF. Gives a narrow-sharp image for good results in dense timber. 20 mm x 40 mm. Supplied in leather case.



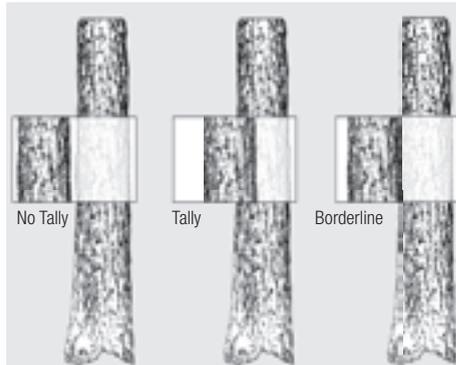
## JIM-GEM® Square Prisms

1392

### English

Accurate to  $\pm 1\%$  of rated BAF. For general cruising in areas having less than 15% slope. 40 mm x 40 mm. Leather case.

Prisms	Color	Weight	BAF – Metric			BAF – English						\$				
			1	2	3	5	10	15	20	25	30		40			
Custom Shape	JIM-GEM	Clear	E	2 oz.					59031			59032				\$34.50
		Amber	E	2 oz.					59033			59034				\$59.95
	"Cruise Master"	Clear	M	1 oz.	59105	59107	59109									\$46.50
		Clear	E	2 oz.				59342	59170	59181	59190	59183	59185	59189		\$46.50
Rectangular	JIM-GEM	Clear	E	2 oz.					59168			59175				\$65.25
		Amber	E	2 oz.					59026			59018				\$23.10
	"Cruise Master"	Clear	E	2 oz.					59021			59022				\$41.60
		Clear	E	2 oz.				59343	59180	59182	59200					\$46.50
Square	JIM-GEM	Clear	E	2 oz.					59169							\$65.25
		Clear	E	2 oz.					59025			59211				\$34.25
	Amber	E	2 oz.						59027							\$52.95



## Pointers on using the Wedge Prism

### Hold it correctly

Hold prism at any convenient distance from the eye, directly over the sampling point. Hold in a vertical position and at a right angle to the line of sight.

### Correct it for slope

Make corrections in point sampling when slope is 15% or greater, that is, a 15-ft. rise or drop in elevation per 100 horizontal feet. (For slope correction using a secant scale clinometer, multiply the BAF of the prism/angle gauge times the secant value of the slope in the direction of each tally tree. This reading will be the BA of the tally tree. Trees sampled in this method should be added together to obtain the total BA

for the plot.) When the wedge prism is used, an appropriate on-the-ground compensation for slope can be made by tilting the top edge of the prism through the estimated slope angles.

### Clear or amber glass

Clear glass prisms perform satisfactorily in most cruising conditions. Amber glass prisms prove superior when cruising is done in low light, hazy or misty conditions.

### Handling borderline trees

Tree stems not completely offset when viewed through the prism are counted; others are not tallied. Measure and check borderline trees with the appropriate plot radius factor.



Count this tree.



Do not count this tree.

## Panama Angle Gauge

1389

Measures the basal area of a forest stand using the English BAF 10. Simply position yourself so the eyepiece is directly over the sampling point and "count" each tree appearing wider at breast height than the vertical portion of the cross-shaped opening. 8-1/4" hollow plastic tube with eyepiece opening.

Panama Angle Gauge 2 oz. **59350 \$32.95**

E English  
M Metric