

Introducing
HELLER & BRIGHTLY, INC.
LATEST MODEL
ENGINEER'S TRANSIT



ESTABLISHED 1870

HELLER & BRIGHTLY, Inc.

N. W. Cor. Columbia Ave. and Hancock St.
PHILADELPHIA, PA.



MODEL NO. 4B
6 1/2 in. at Edge of Graduation

Telescope 11 1/2 inches, mounting complete, 1 1/2-inch objectives, magnifying from 25 to 30 diameters. Telescope balanced in its axis, swiveling at eye and object ends. Eyepiece has an improved threaded sleeve for quick focusing cross wires, all covered, dust proof, automatically for grinding or striking. Slide for closing aperture in reverse when not in use. The lens combination gives a full flat field or necessary for satisfactory stadia work. Dust guard to objective slide. Line of collimation correct for all distances.

Horizontal Line 4 1/2 inches in diameter at reading edge, using graduated open solid silver to half degree, opposite double centers leading to single minutes, and numbered in two rows 0 to 300 each way, with figures beveled in the direction of their reading. Vertical opening 20° from line of sight allow the maximum of light, corrected by white French plate glass covers which are used to keep free from dust and moisture.

Arrow head magnetic needle 1 1/2 inches. Full or half Vertical Circle 1 1/2 inches in diameter, graduated on solid silver to half degree, sections leading to one minute. Full circle protected by aluminum guard.



MODEL NO. 4C
6 1/2 in. at Reading Edge

Long compound centers to plates, bronze central ball metal. Shifting center to leveling head for precisely centering over and under a point after approximately setting up tripod base.

Leveling head is a single casting of improved form, so that the strain exerted by the four leveling screws will not bind the spirit center in its socket. Leveling screws have ribs and dust guards with a spun cup over bottom to prevent loosening of tripod eye, when leveling screws are clamped.

Tripod legs of straight ash, full length, rigid, with tight steel shoes and aluminum protection cap to divided head.

Telescope, plates, etc., polished, finished a dark bronze color, heavily lacquered. Standards, clamps, etc., stainless finish.

Weight of Plain Triplet No. 1	.....	.....	About 25	lbs.
Weight of Complete Level Attachment No. 4A	.....	.....	About 17 1/2	lbs.
Weight of Complete Triplet Nos. 4B and 4C	.....	.....	About 14	lbs.
Weight of Triplet	.....	.....	About 2	lbs.
Gross Weight of Instrument Complete, Packed in Two Boxes	.....	.....	About 28	lbs.

Prices and covers to instruments on following page.