

IMPROVED THEODOLITE

With 8 in. Horizontal Limb.



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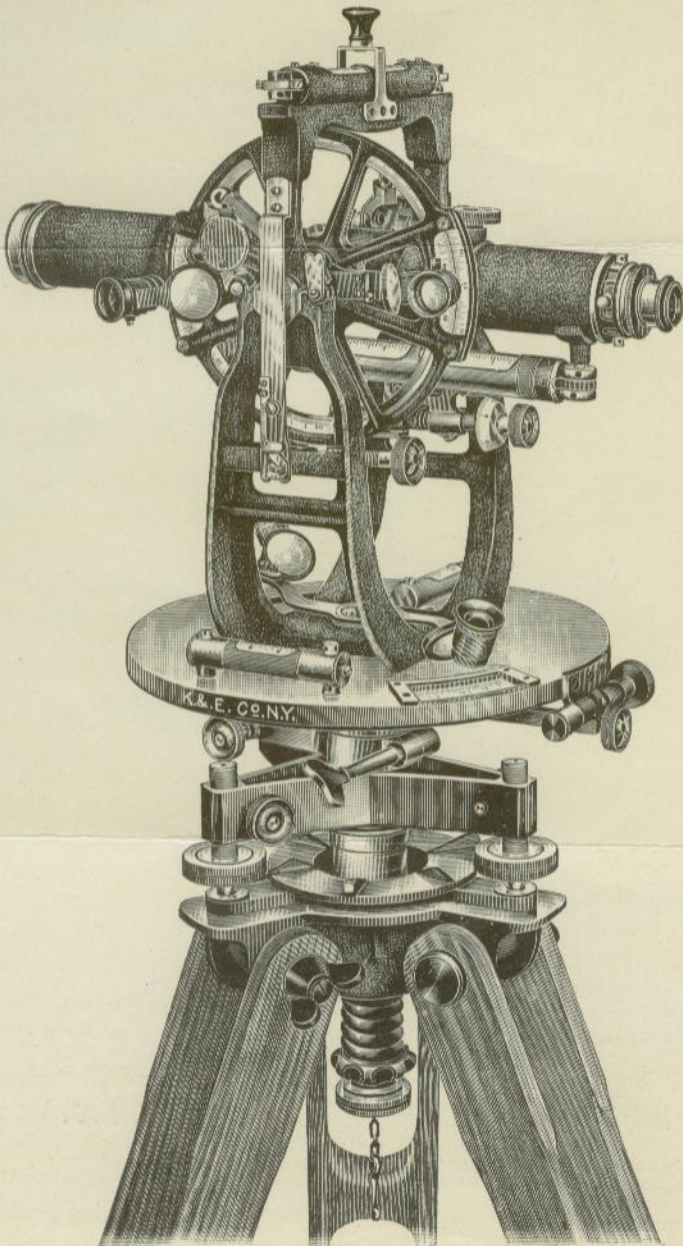
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IMPROVED THEODOLITE.



No. 5081

IMPROVED THEODOLITE.

5081. Improved Theodolite (for repeating angles) achromatic astronomical (inverting) telescope 11½ in., object glass 1⅜ in., with improved focusing arrangement and sun shade, two astronomical eyepieces, adjustable for focusing cross hairs. Fixed stadia hairs. Fine graduated reversible spirit level to telescope, protected by metal mantle. Vertical limb 5½ in., graduated on solid silver to 20 minutes, two verniers reading to 20 seconds, mounted microscope with reflector to each vernier, cloth-finished metal guard to vertical limb. Improved clamp and tangent screw to telescope and separate clamp and tangent screw to verniers of vertical limb, all with counter-spring. Cloth-finished U-shaped standards mounted direct on the flange of the inner centre (patented). Striding level to telescope axis, graduated on the glass. Horizontal limb 8 in., graduated on solid silver to 10 minutes, two verniers reading to 10 seconds, mounted microscope with reflector to each vernier. Two fine graduated spirit levels to horizontal limb. Improved clamp and tangent screw with counter-spring to horizontal limb and vernier plate. All leveling and tangent screws of German silver, improved tangent screws with counter-spring. Extra-long anti-friction centres. The three leveling arms are slotted and have set screws to take up wear. Improved shifting centre.

Instrument complete, with plumb bob, adjusting pins, water-proof cover, etc., packed in two polished mahogany Boxes and with fine Split Tripod \$400 00

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