

Troyke

ACCURACY PRODUCING FEATURES

Certain of the products shown in this catalog are covered by one or more of the following United States Patents. Additional Patents are pending.

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WORM and WORMWHEEL—All worms and wormwheels are cut on special machines of extreme accuracy in our own shop. The precision worm and shaft are one piece, cut from a solid alloy-steel bar. All wormwheels are hobbled on a single purpose, special hobbing machine which produces gears as accurate as it is possible to machine. All wormwheels are detachable and replaceable.

DISENGAGEABLE WORM—All Troyke Rotary Tables, except UP Models and the Power Operated Models, are equipped with disengageable worms which affords quick rotation of the Rotary Table for indicating work pieces, etc.

WORM ADJUSTMENT—A convenient method of adjustment is provided to compensate for wear. Adjustment for end play in the wormshaft is also provided.

DIALS—The adjustable satin chrome dials are extremely large in diameter. All dials are precision ground and graduated in degrees and minutes.

VERNIERS—The easy-to-read satin chrome verniers offer fifteen second readings in either direction. Five Second Reading is standard on UP Models.

BASE—The extremely rugged base casting, which is totally enclosed, supports the split tapered center bearing in which the turntable revolves. This bearing is readily adjustable. Top and bottom of bases are precision ground and are parallel within .0005".

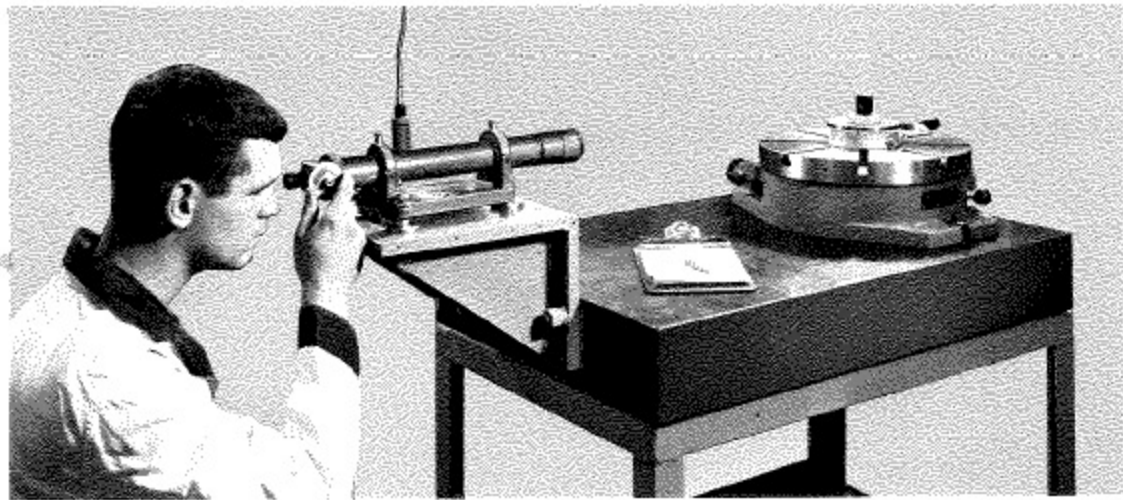
TURNTABLE—All turntables are heavily ribbed and made of High Grade Semi-Steel Castings. These tables are precision ground and parallel within .0005". All T-Slots are machined. Graduations are accurately cut on a special graduating machine in increments of one degree.

LOCKING NON-INFLUENCING—Locking facilities are provided to lock the turntable to the base as one rigid unit.

OILING—Oiling facilities are provided for all moving parts.

Angular Accuracy of each Troyke Rotary Table is Checked with an Auto-Collimator

The National Bureau of Standards approves the use of the Auto-Collimator and calibrated polygon as a highly accurate method for checking Rotary Tables.



All accuracies stated in this catalog are **TOTAL** through 360° rotation of the turntable. (Not plus or minus)

20 Seconds=.00029" on a 6" Diameter	45 Seconds=.00066" on a 6" Diameter
30 Seconds=.00044" on a 6" Diameter	60 Seconds=.00087" on a 6" Diameter

Repair and Reconditioning Service offered at nominal cost.
Larger sizes, special design features, available on request.