

# Fowler

## Trimos Height Micrometer

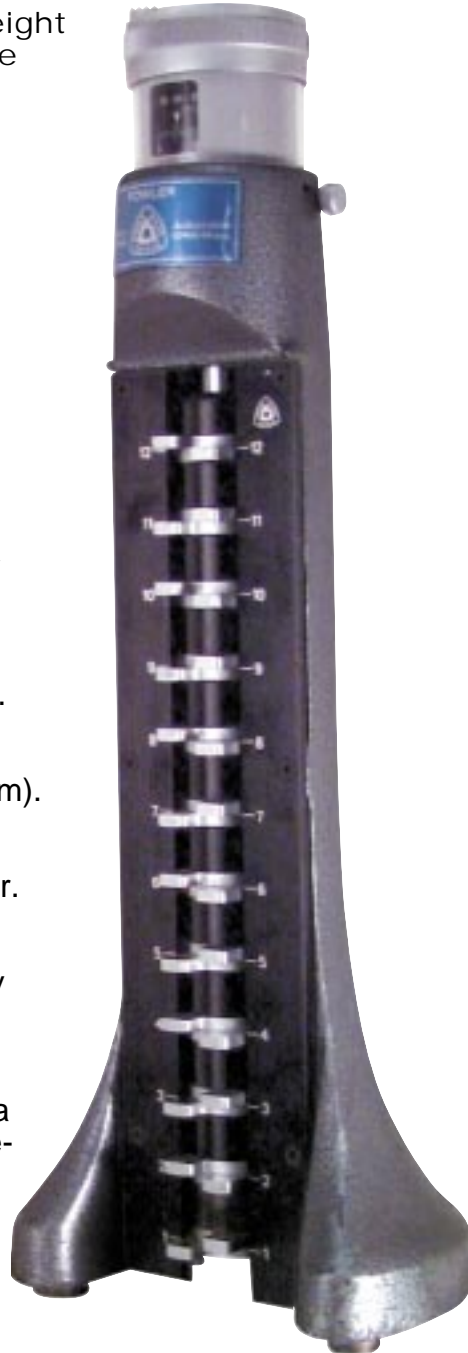
Made in Switzerland by Trimos & internationally recognized as the leading height micrometer for speed, accuracy, ease of use and reliability.

### Applications & Advantages:

- Eliminates errors which result from "stacking" gage blocks to establish heights.
- For direct and transfer measurements.
- For squareness checking.
- Set internal and external instruments such as micrometers, bore and snap gages, etc.
- Eliminates errors and speeds up work.

### Special Features:

- Patented, large, easy to read display head works off of the non-rotating column. Read direct to .0001" (.002mm) and easy interpolation to .000050" (.001mm). Widely spaced white numbers and lines against a black background for accuracy and ease of reading. No verniers, parallax, "half-way" digits or other error producing factors.
- Exceptional accuracy. Maximum column deviation =  $\pm 0.00006$ " ( $\pm 0.0015$ mm). Maximum spindle deviation =  $\pm 0.00004$ " ( $\pm 0.001$ mm).
- Patented Trimos design has three sets of measuring steps combined in one column for easy rotation in case of damage or wear.
- The column consists of 12 steps spaced 1" (25mm) apart, each having a top and underside face in the same plane—thereby allowing top and underside measurements directly, eliminating any need to calculate.
- Hard chrome plated (68RC) ground and lapped steps extend out .472" (12mm) for a full .15 sq. inch surface area for measurements within an angle of nearly 180°.
- Rugged stabilized cast iron housing has three carbide faced pads on base.
- Includes inspection certificate and cover.



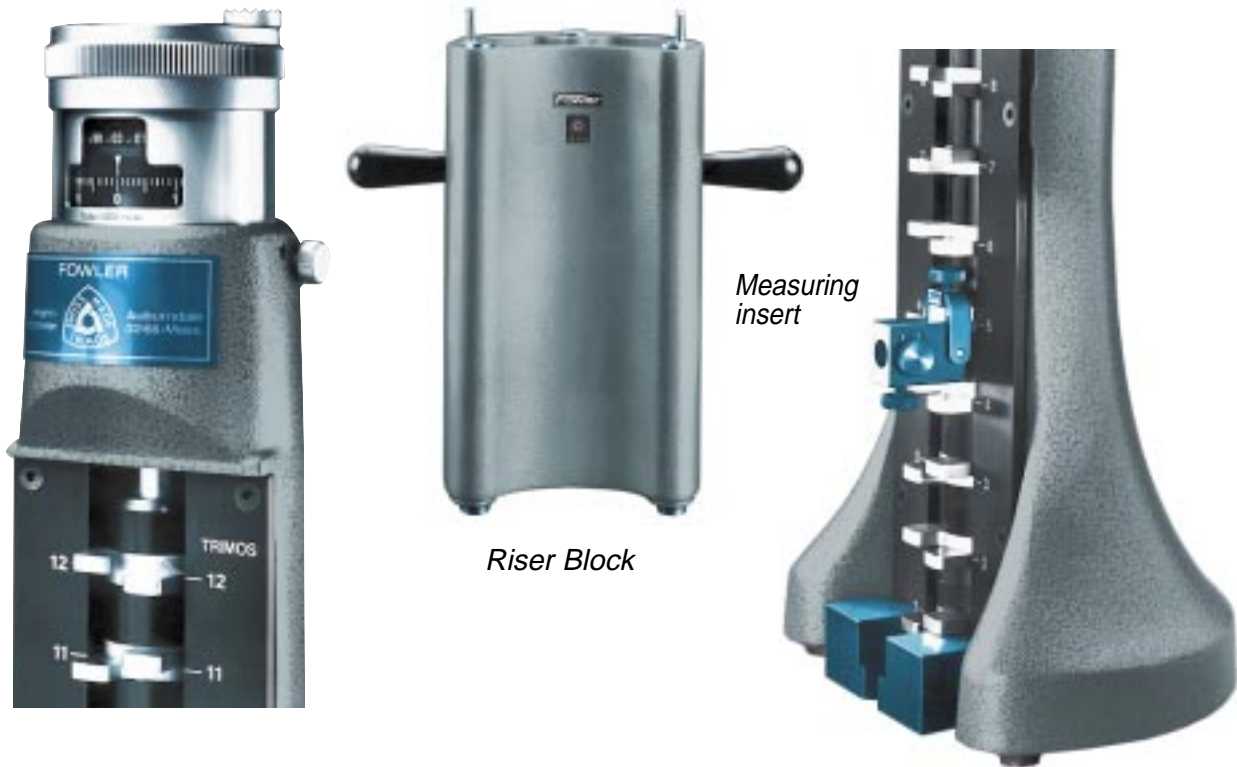
### Accessories:

- Measuring insert: clamps to steps to hold test indicators or to be used for setting bore gages, internal micrometers, snap gages, etc. Has lapped face & test indicator holder.
- Measuring bridge: used for setting internal comparative instruments such as bore gages and similar tools.
- Riser blocks: stabilized cast iron with carbide pads at top and bottom.



*Swiss Quality!*





Order No.	Description
<b>Height Micrometers:</b>	
53-185-015	Range: .200-12.200"; spindle range/resolution: 1" x .0001"; overall height: 18"; base diameter: 6-1/2".
53-185-014	Range: 5-305mm; spindle range/resolution: 25mm x .002mm; overall height: 460mm; base diameter: 165mm.
<b>Accessories:</b>	
53-185-005	6" Riser Block; height accuracy: $\pm .00005$ ".
53-185-004	150mm Riser Block; height accuracy: $\pm .001$ mm.
53-185-009	300mm Riser Block; height accuracy: $\pm .001$ mm.
53-185-020	Measuring insert; bore diameter for indicators: .157-.250" (4-6mm)
53-185-025	Measuring bridge.
53-185-016	Case for Height Micrometer inch or metric models.
53-185-008	Riser block case for 6" or 150mm models.
53-185-011	Riser block case for 12" or 300mm models.