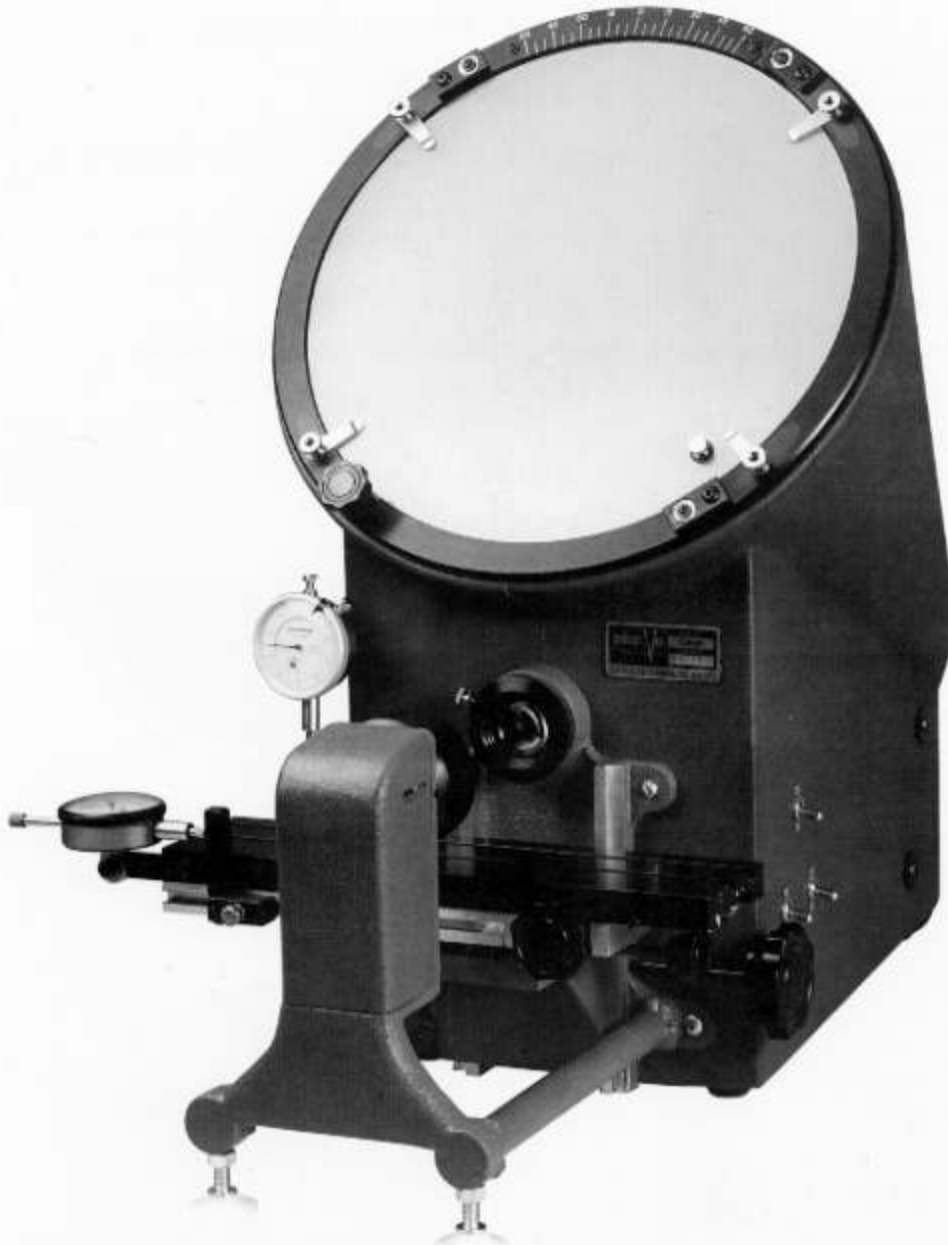


# Portable Bench Optical Comparators

500HP 1/99

# microVu



## MODEL 500HP

- 12" Diameter Screen
- \* Optional: "Thru-the-Lens" Surface Illumination

## FEATURES:

- STAGING
  - 6" x 2 1/2" X & Y Travel
  - 1 1/4" Focus Travel
  - 12" x 3" T-Slot Table
  - Rack & Pinon Movement
  - Brackets for Dial indicator
- OPTICS
  - 10x or 20x Magnification
  - \* Optional: 31x, 40 1/4", 50x
  - Extremely Bright, Sharp Images
  - Precision Optical Accuracy
  - Inverted Image
- SCREENS
  - Ground Glass/Reticle Patterns
  - Rotatable with Fine Adjust
  - 5 Minute Vernier
  - Spring Clips for Overlays

**microVu**

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Windsor CA 95492-9779  
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FAX (707) 838-3985

Visit our website at  
<http://www.microvu.com>

Distributed by:

## RFM

Resources For Manufacturing, Inc.

P.O. Box 751432 Dayton, OH 45475

Ph: (937) 436-4699 Fx: (937) 436-9244

Sales@RFMInc.net [www.RFMInc.net](http://www.RFMInc.net)

1/99

# Combination T-Slot V-Blocks & Centers (includes clamps)



- Right & Left Hand V-Blocks
- 1<sup>3</sup>/<sub>4</sub>" Radius Swing
- C-Clamps
- .375 Diameter Precision Ground 60° Centers
- <sup>3</sup>/<sub>16</sub>" Universal T-Slots

## Specifications

### Weight:

38 lbs.  
42 lbs. packaged

### Electrical:

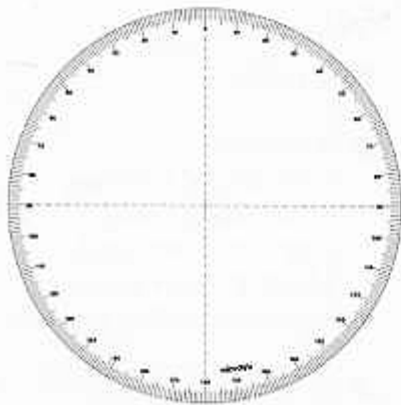
110-117 VAC; 3 Amps  
50/60 Hz. (220 VAC optional)

### Physical Dimensions:

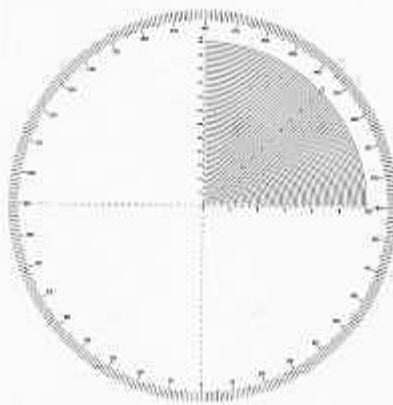
Height: 23"  
Depth: 29"  
Width: 15" (21" Bench space required)

## PROTRACTOR SCREENS

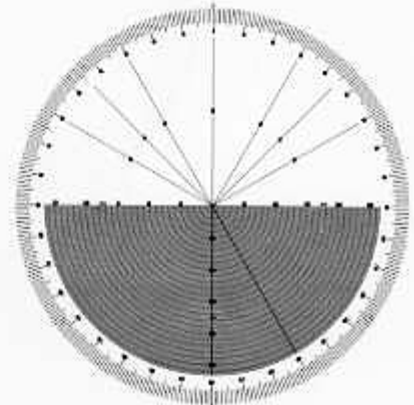
- Each protractor has a crosshair dividing the screen into 4 quadrants.
- Each circumference is graduated in 1° increments from 0° to 180° on both halves.



PLAIN CROSSHAIR



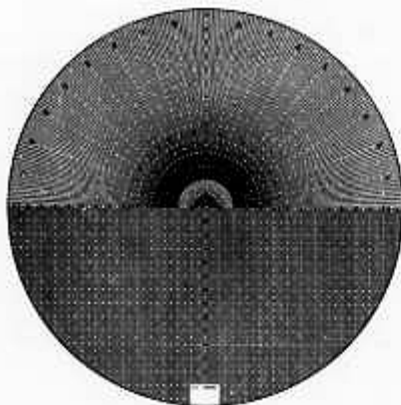
ONE-QUADRANT PROTRACTOR



TWO-QUADRANT PROTRACTOR

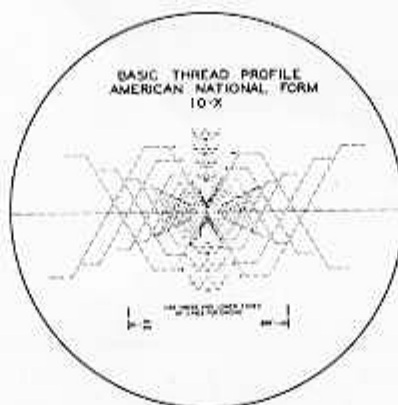
Radius magnifications: 10X 20X 40X  
English radius increments: .010" .005" .0025"  
Metric increments: .2mm .1mm .02mm  
Order English or metric. All magnifications on one chart.

Radius magnifications: 10X 20X 40X  
Radius increments: .004" .002" .001"  
All magnifications on one chart.



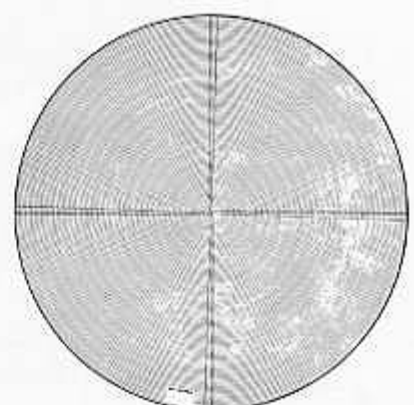
COMBINATION RADIUS & GRID  
(TOOL ROOM) CHART

English magnifications: 10X 20X 31<sup>1</sup>/<sub>2</sub>X 40X 50X  
English increments: .005" .002" .002" .002" .001"  
Metric magnifications: 10X 20X — — 50X  
Metric increments: .2mm .1mm — — .02mm



THREAD CHART

English magnifications: 10X 20X 31<sup>1</sup>/<sub>2</sub>X 40X  
English increments: 4 to 80 pitch American National  
Metric magnifications: 10X 20X 50X 100X  
Metric increments: .1mm .05mm .02mm .01mm  
Order in individual magnifications and English or metric.



MICRO-RADIUS CHART

English magnifications: 10X 20X  
English increments: .001" .001"  
For clarity, radii (arcs) are 90° and staggered in each succeeding quadrant.  
Order in individual magnifications.