

OPTICAL COMPARATORS

CHUCK JAWS
LATHE WORKHOLDING

12" BASIC BENCH TOP OPTICAL COMPARATOR STANDARD WITH PROFILE & SURFACE ILLUMINATION

- Featuring the basics for comparative/ absolute measurements
- 1 quadrant protractor screen graduated to 10X, 20X & 40X
- 2 each, AGD Group 2, 0—1"/25mm electronic digital indicators with .0005"/.01mm resolution
- 10X lens is included with the unit and other lenses are available
- T-slot stage with a travel of 6" horizontally and 2-1/2" vertically make the unit universal for many different types of set-ups

**Basic Bench Top
Optical Comparator**
Part #FOW-53-900-000
\$2,199.00



MACHINE VISES
MAGNETIC CHUCKS

MASTER-VIEW™ 14" OPTICAL COMPARATOR With Surface Illumination

- 1 micron glass scales
- Fiber optic edge detection
- 360° digital protractor
- Surface illumination through duplex fiber optics
- High capacity 4" x 8" travel stage with 4-1/2" x 19" work surface
- Ball way construction handles loads to 100lbs
- Two long-life tungsten-halogen light sources
- Extra bright surface illumination through duplex fiber optics
- Individual switches select profile, surface or combination surface-profile illumination modes
- Heavy-duty monorail type, welded steel frame
- Rotary frosted glass screen with 90° crosslines and 360° protractor markings
- Screen-mounted overlay chart clips
- 10 power lens system
- Weighs 229 lbs
- Measures 48-1/2" long x 22-1/4" wide x 34" high



Complete And Ready To Use!



Includes Fagor NV-200 3-axis Digital Readout With:

- Geometric functions.
- Easy calculation of distance, angle, intersection, radius, diameter, part skew, etc.
- Output to printer or PC.
- Display reads to 0.0001"

**MV-14FD
Optical Comparator**
Part #SUB-MV-14FD
\$7,133.00

RETENTION KNOBS
ER, DA, TG COLLETS

TOOLHOLDERS
TAP HOLDERS

MASTER-VIEW™ 14" OPTICAL COMPARATOR With Erect Image

- 1 micron glass scales.
- Two long-life tungsten-halogen light sources.
- Extra bright surface illumination through duplex fiber optics.
- Individual switches select profile, surface or combination surface-profile illumination modes.
- High capacity 4" x 8" travel stage with 4-1/2" x 19" work surface.
- Ball way construction handles loads to 100lbs.
- Heavy-duty monorail type, welded steel frame.
- Rotary frosted glass screen with 90° crosslines and 360° protractor markings.
- Vernier readings to 5 arc minutes.
- 10 power lens system (20 & 50X optional).
- Edge detection is standard.
- Screen-mounted overlay chart clips.
- Weighs 275 lbs.
- Measures 46-1/2" long x 22-1/2" wide x 35-1/2" high



Includes Suburban's Own MV-14-DRO2 3-axis Digital Readout With:

- Part view to show the relationship between all part features
- 5.7" LCD screen
- Direct measurement of circles, arcs, angles, points, lines, distance, perpendicularity, parallelism and slots
- Part programming
- Auto-enter, looping and auto-finish
- 360° digital protractor
- Multiple languages
- Output to PC or printer
- Inch-mm conversion
- Skew capability
- Display reads to 0.0001"

**MV-140SE
Optical Comparator**
Part #SUB-MV-140SE
\$9,350.00

INDEXABLE DRILLS
TURNING & BORING

ENDMILLS, DRILLS
TAPS & REAMERS

HORIZONTAL BENCHTOP MEASURING PROJECTOR 16" Screen Diameter

Updated from our original HE350, this machine offers a 400mm screen, 250mm x-axis table travel, bayonet fitting lenses and Q-axis angular readout; all to improve capacity and performance. These latest horizontal projectors are fitted with industry-leading Quadra-Chek digital readout systems as standard, making them simple to use, but having the power to satisfy the most complex measuring requirements

- Fully usable 16" (400mm) screen diameter
- All metal construction
- Large measuring travel: 10" X-axis, 4" Y-Axis (254mm x 100mm)
- Digital protractor for accurate angle measurements: 1' resolution
- Lamphouse mounted helix adjustment for accurate thread form inspection
- Available with the full range of Quadra-Chek readout systems
- Fine adjustment on all axes, plus zero backlash, fast travers mechanism on the X-axis
- Fully retractable duplex fiber optic surface illumination
- Optional automatic edge detection

Model HE400 MkIII
Benchtop Projector
Part #STR-HE400MKIII
Please Call For Pricing



ABRASIVES
MEASURING TOOLS

MRO & SAFETY
FLAT STOCK/DRILL ROD

Call Us Today For All Of Your Machine Tool Needs!