



Direct-Reading Bench Micrometers

0-2" / 0-50mm Ranges

No. 673 0-2"

No. 673M 0-50mm

The Starrett No. 673 bench micrometer is a high precision instrument, ideal for bench use either in a shop environment or inspection laboratory. It can be used as a comparator measuring to fifty-millionths of an inch (.000050") or two-thousandths of a mm (0.002mm) or for direct measuring to .0001" or 0.002mm. Work lengths up to 2" or 50mm can be measured.



- ◆ The base is a heavy, rigid casting, incorporating at the left end a movable anvil which actuates a linear, friction-free motion transfer mechanism between the anvil and the indicator. This assures high accuracy
- ◆ The large thimble diameter, approximately 3" (77mm), makes possible widely spaced graduations that are easy to read without a vernier scale reference
- ◆ Advanced, staggered design and quick reading graduations in combination with Starrett no-glare satin chrome finish on both thimble and sleeve also contribute to easier, faster readings
- ◆ The head is furnished with a speeder and has a special ring-type lock nut which firmly holds the spindle at any setting without distortion
- ◆ Another useful feature is the adjustable work table centered beneath the anvil and spindle. Work can be accurately aligned between the anvil and spindle by adjusting the table to the proper height and locking it in position
- ◆ The spindle and anvil are carbide faced for long life
- ◆ This bench micrometer can also be used with the No. 718 Analog Amplifier or the No. 776 Electronic Gage Amplifier by using the No. 673A Adaptor for the No. 715-2 Cartridge-Type Electronic Gaging Head to read to ten-millionths of an inch (.000010") or 0.0001mm

Starrett No. 673XZ Bench Micrometer (Inch model). Shown here is the No. 673 with the Starrett No. 718 Amplifier.



How to Use for Direct Measure and as a Comparator

For direct measuring, the micrometer head is set to zero and the dial indicator is set to zero by the bezel adjustment. Any workpiece within the 2" (50mm) range can then be measured by the micrometer head in ten-thousandths of an inch (.0001" or 0.002mm). The indicator must read zero for each measurement.

If used as a comparator, first set the head and the indicator to zero as previously explained. Then adjust the micrometer head to the desired dimension to be checked. After retracting the anvil, work is placed on the table between anvil and spindle and the anvil is then released so anvil and spindle contact the work. Plus or minus deviation from the nominal work size is then read from the dial indicator in fifty-millionths of an inch (.000050") or 0.002mm.

Catalog No.	EDP No.	Range		Graduation		Work Table	
		Micrometer Head	Dial Indicator	Micrometer Head	Dial Indicator		
673XZ	67191	0-2"	.006" (0-3-0)	.0001"	.000050"	2-1/4" dia. and 7/8" Vertical Adjustment	
673MXZ	67192	0-50mm	0.2mm (0-10-0)	0.002mm	0.002mm	57mm dia. and 22mm Vertical Adjustment	
673A	52891	Adaptor for No. 715-2 Cartridge Type Electronic Gaging Head for Use with No. 776 Electronic Gage Amplifier or No. 718 Analog Amplifier.					

NOTE: Anvil Pressure Adjustment – 8 oz. to 3 lbs. (0.23 to 1.36kg)

Furnished in a case. Packed one in a box.