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<td>673M</td>
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Electronic Bench Micrometers  
(with output)  

No. 777  0-1” (0-25mm)

The No. 777 electronic bench micrometer is especially suited for precision measurements where the work must be brought to the gage.

Work is staged between the anvil and spindle on an adjustable table, which can be raised to a selected height and locked in position by turning a knurled thumb screw on back of the base. Made of cast iron with black wrinkle finish, the base is heavily proportioned to sustain gage accuracy and assure stability in use. It stands on three machined pads.

Readability Features  
◆ Large, right-sized, high-contrast LCD digital readout is easy to read and reduces errors  
◆ Conventional inch or millimeter graduations standard  
◆ Attractive no-glare black wrinkle finish on the frame

Ease-of-Handling Features  
◆ Ring-type knurled lock nut for quick and sure locking  
◆ Smooth friction thimble for uniform pressure

Accuracy and Long-Life Features  
◆ Extremely hard and stable one-piece spindle  
◆ The spindle and anvil are carbide faced for long life  
◆ Starrett designed electronic microprocessor  
◆ One 3-volt battery furnished for dependable power and over one year’s normal usage  
◆ Automatic OFF after 30 minutes of nonuse  
◆ Starrett workmanship

Full-Function Action Features  
◆ Instant inch/millimeter conversion  
◆ “ME” millimeter model will turn on in the millimeter mode after installation of a new battery

Furnished in a protective case. Packed one per box with instructions.
Direct-Reading Bench Micrometers

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 (.000005"") 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.

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 (.000005") or 0.0001mm.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>EDP No.</th>
<th>Range</th>
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<td></td>
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<td>Micrometer</td>
<td>Dial Indicator</td>
<td>Micrometer Head</td>
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<tr>
<td>673XZ</td>
<td>67191</td>
<td>0-2&quot;</td>
<td>.006&quot; (0-3-0)</td>
<td>.0001&quot;</td>
</tr>
<tr>
<td>673MXZ</td>
<td>67192</td>
<td>0-50mm</td>
<td>.2mm (0-10-0)</td>
<td>0.002mm</td>
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| 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.
J.W. Donchin Co. was established in 1924 and has been known world wide ever since. Customer Service is our Main Focus. We offer Expert Product Knowledge, Large Stocking Inventory and Competitive Pricing to assist you in locating and selecting the correct tool or product to fit your needs. (J.W. Donchin Co. is one of L.S. Starrett’s largest stocking distributors.)

**Contact Information:**

Phone: 773-261-2182  
Fax: 773-261-2867  
Email: sales@jwdonchin.com

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