



Your Automotive Measuring People

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**MECHANICAL DIGITAL READOUT
MICROMETER**

CARE AND ADJUSTMENT

Under normal use this precision tool requires no special maintenance. Keep the tool clean and treat it with normal respect. Your micrometer will work accurately and faithfully. More damage is done by unnecessary adjustment and investigation of its ingenious mechanism than by years of normal use. This tool is more like a fine watch than a conventional micrometer.

FIELD ADJUSTMENT IS NOT RECOMMENDED

The manufacturer offers a reasonably priced refurbishment and calibration service. Do not disassemble your micrometer. Return it to the factory for service.



INCH MODELS

1. The digital readout clearly shows the reading of the micrometer to three decimal places. A display of 113 is 0.113 inches. Note your micrometer can be read from the front or the back.
2. A vernier scale is standard on your micrometer allowing measurements to be taken to one ten thousandth of an inch. You simply add the number off the vernier scale which best aligns with a graduation of the thimble.

For example, if the "4" line of the vernier scale lined up best with a thimble graduation, you would add 0.0004 inches to your reading, combining the readings of 1 and 2 above.

Reading 1	0.113 inches
Reading 2	<u>0.0004 inches</u>
Total Reading	0.1134 inches

METRIC MODELS

1. The digital readout clearly shows the reading of the micrometer to one decimal place. A dot is printed on the digital readout which represents the decimal point. A display of 204 is 20.4 millimeters. Note your micrometer can be read from the front or the back.
2. A vernier scale is standard on your micrometer allowing measurements to be taken to one hundredth of a millimeter. You simply add the number off the vernier scale which best aligns with a graduation of the thimble.

For example, if the "5" line of the vernier scale lined up best with a thimble graduation, you would add 0.05 millimeters to your reading, combining the readings of 1 and 2 above.

Reading 1	20.4 millimeters
Reading 2	<u>0.05 millimeters</u>
Total Reading	20.45 millimeters