

# Owner's Manual & Safety Instructions

**Save This Manual** Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

231

## **PITTSBURGH<sup>®</sup>**

### **3 PC. MICROMETER SET**



Visit our website at: <http://www.harborfreight.com>  
Email our technical support at: [productsupport@harborfreight.com](mailto:productsupport@harborfreight.com)

**64202**

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

#### **⚠ WARNING**

**Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.**

## Specifications

Maximum Range	Small: 1" Medium: 2" Large: 3"
Maximum Throat Depth	Small: 15/16" Medium: 1-1/4" Large: 1-5/8"
Accuracy	+/-0.001"
Increments	0.0001"

## Important Safety Information

1. This product is not a toy. Do not allow children to play with or near this item.
2. Use the correct product for your application. The correct product will do the job better and safer at the rate for which it was designed. Do not modify Micrometer or use it for a purpose for which it is not intended.
3. Check for binding of moving parts, breakage of parts and any other condition that may affect the Micrometer's operation. If damaged, have the Micrometer repaired and calibrated before use.
4. Keep Micrometer away from water, oil, solvents and any other liquids.
5. Do not lubricate the Micrometer's moving parts.
6. Do not exceed the capacity of Micrometer.
7. Do not disassemble Micrometer.
8. Wear ANSI-approved safety goggles during use.
9. Keep work area clean and well lit.
10. Do not operate when tired or when under the influence of alcohol, drugs or medication.
11. Use as intended only.
12. Inspect before every use; do not use if parts are loose or damaged.
13. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

## Operating Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this document including all text under subheadings therein before set up or use of this product.

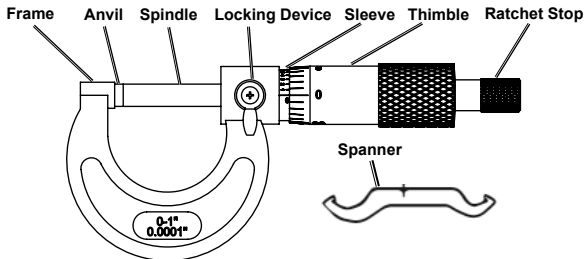
**Note:** Instructions apply to Small, Medium and Large Micrometers.

1. Clean measuring faces.
2. Turn Ratchet Stop clockwise until ratcheting stops and clicks.
3. Verify "0" on Thimble is lined up with "0" on Sleeve.

4. To adjust (if needed), lock Spindle with Locking Device.

**Note:** Sleeve has a pin hole for Spanner to adjust.

5. Adjust Sleeve with Spanner until "0" on Thimble is lined up with "0" on Sleeve.



6. Example: To read 0.3141", see "Figure A".

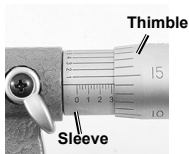


Figure A

**Record Product's Serial Number Here:** \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

**Note:** Parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Reference UPC 193175512345.

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