



# ATD-8658

## Electronic Digital Drum Gauge

### Owner's Manual



#### FEATURES:

- Graduated in .001"/.01mm increments
- Range: 4"-20.65" (150mm-515mm)
- Stainless steel
- Easy to read digital display with SAE/Metric conversion
- Selectable depth stops for easier use
- Measure automotive and heavy-duty drums
- Pointed anvils and 4.25" long arms to inspect drums before turning or replacing
- Powered by (1) SR44/357 battery (included)

## IMPORTANT

PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS, AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE, FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY.

## SAFETY INSTRUCTIONS

Maintain caliper in good and clean condition for best performance, **DO NOT** use caliper if damaged. **DO NOT** use the caliper for any other use than for which it was designed. **DO NOT** get the caliper wet, or use on wet or damp locations or areas where there is condensation. Keep caliper clean and dry using a dry cotton cloth only. **DO NOT** dip or submerge the caliper in any type of liquid. **DO NOT** expose caliper to bright sunlight or dust. **DO NOT** disassemble the caliper, it must be maintained by qualified service personnel only. **DO NOT** apply any voltage to the caliper. **DO NOT** expose to electromagnetic fields. When not in use, turn off and store caliper in a safe, dry, childproof location. In case of water/ coolant splash: The electronic unit for this instrument is water resistant. In case of liquid splash, the display may possibly fail. Wipe off the liquid, be sure the liquid between the slider and beam is completely dried. Then, reset the instrument.

## SPECIFICATIONS AND FUNCTIONS

Your digital caliper was constructed with quality materials and will give you years of trouble free service when cared for as described in the "Care & Maintenance" section.

Repeatability: .002"/.05mm

Accuracy : ± .003" / .07mm

Maximum Measuring Speed: 120"/sec.

Measuring System: Capacitive

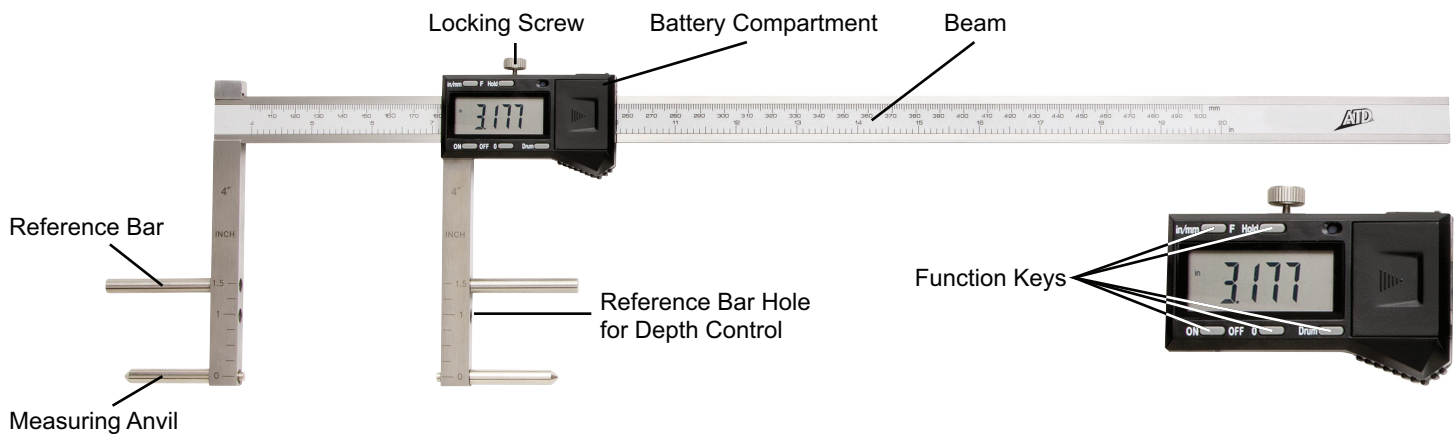
Display: LCD display (10.0mm high)

Battery: 3V, CR2032 Lithium

Operating Temperature: 0 °C ~ +40 °C

Maximum Relative Humidity: 80%

## CALIPER FEATURES



## OPERATION

### 1 General

- 1.1 Ensure all measuring surfaces are clean, turn on caliper by pressing "ON/OFF" button once. Press again to turn it off.
- 1.2 Press the "Zero" button at any time to zero the reading.
- 1.3 4" Drum Preset: Press drum button. 4.000 will display to preset the internal jaws.
- 1.4 Use the "in/mm" button to toggle between inches and mm at any time.
- 1.5 Press "HOLD" button once to retain measurement on display. Press once again to return to measuring mode.

**WARNING!** Ensure that you have read and understood The Section "CARE & MAINTENANCE" before commencing.

## BATTERY REPLACEMENT

Once Display begins flashing:

Slide off the battery cover and rubber gasket, then remove the battery by gently tapping the instrument in your hand. (Never try to force or pry the battery out). Insert the new battery with the positive pole "+" facing upwards and replace the gasket and cover. Please dispose of used batteries at a proper collection center.

## CARE & MAINTENANCE

1. The caliper is a precision instrument, treat with care, avoid using force and do not subject to knocks or shocks.
2. Keep body face clean, prevent liquid material from getting into slider as it will destroy the electronics.
3. Face should be cleaned with a clean, dry, lint-free cloth. Lubricate body with a few drops of clock oil. Acetone & alcohol must not be used.
4. Keep battery compartment clean and free of corrosion.

## TROUBLESHOOTING

PROBLEM:	SOLUTION:
Digits do not change or count correctly	Remove the battery for 30 seconds then reinstall.
No display	Check battery contacts or replace battery.



# WARRANTY

## 1 YEAR LIMITED WARRANTY

THIS WARRANTY AND CONFIRMED RECEIPT(S) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

PURCHASED FROM: \_\_\_\_\_

DATE PURCHASED: \_\_\_\_\_

INVOICE/RECEIPT NUMBER: \_\_\_\_\_

Your ATD-8658 is warranted for a period of 12 months from the original purchase date.

For a period of one (1) year from your purchase date, ATD Tools Inc. will repair or replace (at its option) without charge, your ATD product if it was purchased new and the product has failed due to a defect in material or workmanship which you experienced during normal use of the product. This limited warranty is your exclusive remedy.

To access the benefits of this warranty, contact your supplier, or point of sale directly. You may be advised to return the product under warranty, freight prepaid, to your supplier for warranty determination.

If this ATD product is altered, abused, misused, modified, or undergoes service by an unauthorized technician, your warranty will be void. We are not responsible for damage to ornamental designs you place on this ATD product and such ornamentation should not cover any warnings or instructions or they may void the warranty. This warranty does not cover scratches, superficial dents, and other abrasions to the paint finish that occur under normal use. It also does not cover normal wear items such as but not limited to brushes, batteries, drill bits, drill chucks, pads or blades.

Subject to the law in your state:

- (1) Your sole and exclusive remedy is repair or replacement of the defective product as described above.
- (2) ATD is not liable for any incidental damages, including but not limited to, lost profits and unforeseeable consequences.
- (3) The repair and replacement of this product under the express limited warranty described above is your exclusive remedy and is provided in lieu of all other warranties, express or implied. All other warranties, including implied warranties and warranties of merchantability or fitness for a particular purpose are disclaimed and, if disclaimer is prohibited, these warranties are limited to one year from your date of purchase of this product.

Some states' laws do not allow limited durations on certain implied warranties and some states' laws do not allow limitations on incidental or consequential damages. You should consult the law in your state to determine how your rights may vary.

[Affix receipt or invoice here for safe keeping]