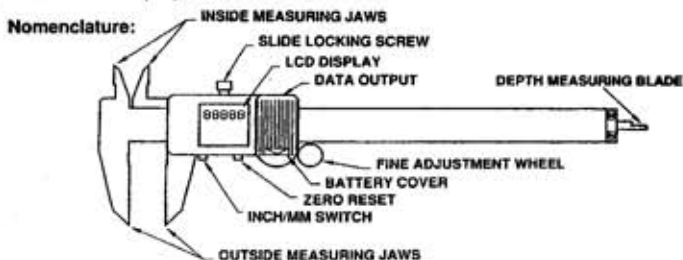


**Introduction:**

Your new Lyman Electronic Digital Caliper is designed to be easy to use, yet has many sophisticated features. These include a push button power-on/power-off feature, push button zeroing, the ability to read in both inches and millimeters, and an easy to read LCD display.

**Measuring:****Metric/Inch Conversion**

The digital calipers will read in either inches or millimeters. This selection is made by pressing the button marked mm/in. When the calipers are in the inch mode, "IN" will be visible in the upper lefthand section of the LCD display.

**Zeroing Calipers**

The digital calipers should be zeroed before use. Be sure that the jaw faces are clean before zeroing. For normal measuring chores, close the jaws completely and press the button marked "0". The display should then read all zeros.

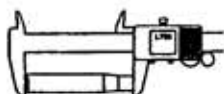
The zeroing feature can also be used for inspecting many parts of similar dimensions. Select a sample part of the desired diameter and measure this part with your caliper jaws contacting the part, press the zero button. The caliper will now read all zeros and the selected part will represent your zero point. The caliper can now be used to measure the remaining parts to determine how much they vary from the selected part. The display will show a positive or negative value in the amount of variation present.

**Applications:**

CHECK INSIDE DIAMETER



CHECK DEPTH OF STEP



CHECK OVERALL LENGTH



COMPARE DIAMETER TO GAUGE PIN "A"

**Caliper Battery:**

Your Electronic Digital Caliper uses a 1.5 Volt silver oxide battery which is readily available. When the battery needs to be changed, all five digits of the display will flash. To change the battery, remove the cover on the front face of the slide and lift out the battery. Insert the new battery and reinstall the cover. Use one of the following or equivalent batteries in your calipers: Duracell MS76, Eveready S76E, Ray-O-Vac RS76G

If you have any questions regarding use of your Electronic Digital Caliper, call Lyman's toll free number for assistance 1-800-22-LYMAN. Our hours are 9:00am - 3:30pm Eastern Time, Monday thru Friday.

**Cautions:**

- \* Do not immerse the caliper in any liquid.
- \* Do not expose the caliper to moisture of any sort.
- \* Do not use alcohol, acetone or paint thinner to clean. Use mild detergent only.
- \* Do not apply any voltage to the caliper by such as an electric marker pen.
- \* Do not apply excessive force or shock to the caliper.
- \* Do not disassemble the caliper.
- \* Do not expose the caliper to direct sunlight, ultra-violet rays and temperature shock.
- \* Keep the caliper away from dusty or dirty environments.

**Caliper Specifications and Functions:**

**Measuring range:** 0 - 150mm, 0 - 6"      **Resolution:** 0.01mm, 0.0005"

**Accuracy:** 0.03mm, 0.001"      **Repeatability:** 0.01mm, 0.0005"

**Maximum measuring speed:** 1.5m/sec. 60"/sec

**Measuring system:** Non-contacting linear CAP measuring system.

**Display:** LCD display, minus sign "-", 5 digits with 4.7mm character height, small digit "5" and "IN" sign for inch measuring unit.

**Power:** One battery, 1.5V silver oxide for 12 months of continuous use. End of battery life warning by flashing display.

**Operating temperature:** 0°C to +40°C, +32°F to +104°F

**Storage temperature:** -20°C to +70°C, -4°F to +158°F

**Influence of humidity:** Not important within 0 to 80% of relative humidity.

Rifle Calibers	Maximum Case Length	Thin-to Length	Rifle Calibers	Maximum Case Length	Thin-to Length	Rifle Calibers	Maximum Case Length	Thin-to Length	Pistol Calibers	Maximum Case Length	Thin-to Length
.17 Remington	1.796"	1.786"	7 x 61 M/M Sharps & Hart	2.402"	2.392"	.366 Winchester	2.015"	2.005"	.22 Remington Jet	1.288"	1.283"
.22 Hornet	1.403"	1.393"	7 M/M Remington Magnum	2.500"	2.490"	.368 Winchester	2.015"	2.005"	.221 Remington Fireball	1.400"	1.395"
.218 Bee	1.345"	1.335"	7 M/M Weatherby Magnum	2.550"	2.540"	.360 Remington Magnum	2.170"	2.160"	.25 A.C.P.	.615"	.610"
.223 Remington	1.700"	1.690"	7-30 Waters	2.040"	2.030"	.368 Norma Magnum	2.515"	2.505"	.30 Ruger	.845"	.845"
.223 Remington	1.780"	1.750"	7.35 Italian	2.010"	2.000"	.375 Winchester	2.020"	2.010"	.30 Mauser	.990"	.985"
.222 Remington Magnum	1.850"	1.840"	.30 MI Carbine	1.290"	1.286"	.378 H & H Magnum	2.850"	2.840"	.32 A.C.P.	.690"	.672"
.225 Winchester	1.930"	1.920"	.30 Remington	2.050"	2.040"	.378 Weatherby Magnum	2.913"	2.903"	.32 Smith & Wesson	.605"	.600"
.224 Weatherby Magnum	1.925"	1.915"	.303 Savage	2.015"	2.010"	.38/65 Winchester	2.128"	2.118"	.32 Smith & Wesson Long	.920"	.915"
.22/250	1.912"	1.902"	.30/30 Winchester	2.039"	2.029"	.38/40 Winchester	1.305"	1.300"	.32 H & R Mag.	1.075"	1.070"
.220 Swift	2.205"	2.195"	.300 Savage	1.871"	1.865"	.401 Winchester	1.500"	1.495"	9 M/M Luger	.754"	.751"
.22 Savage Hi-Power	2.050"	2.040"	.307 Winchester	2.015"	2.005"	.44/40 Winchester	1.305"	1.300"	.357 Magnum	1.290"	1.285"
.243 Winchester	2.045"	2.035"	.308 Winchester	2.015"	2.005"	.44 Remington Magnum	1.285"	1.280"	.380 Auto	.690"	.677"
6 M/M Remington	2.233"	2.223"	.30/40 Krag	2.314"	2.304"	.444 Marlin	2.225"	2.220"	.38 Super Auto	.900"	.895"
.244 Remington	2.233"	2.223"	.30/08	2.494"	2.484"	.45/70 Government	2.105"	2.100"	.38 Special	1.155"	1.149"
.25-06 Remington	2.494"	2.484"	.300 H & H Magnum	2.850"	2.840"	.456 Winchester Magnum	2.500"	2.495"	.38 Smith & Wesson	.775"	.765"
.25-06 Remington	1.330"	1.320"	.308 Winchester Magnum	2.620"	2.610"	.460 Weatherby Magnum	2.913"	2.903"	.38/40 Winchester	1.305"	1.300"
.256 Winchester	1.261"	1.275"	.308 Norma Magnum	2.560"	2.550"				.41 Magnum	1.290"	1.285"
250/3000 Savage	1.812"	1.902"	.300 Weatherby Magnum	2.825"	2.815"				.44 Special	1.152"	1.152"
.257 Roberts	2.233"	2.223"	7.62 Russian Nagant	2.114"	2.105"				.44 Remington Magnum	1.285"	1.280"
.257 Weatherby Magnum	2.550"	2.540"	7.62 x 39 M/M Russian	1.535"	1.525"				.44/40 Winchester	1.305"	1.300"
6.5 Japanese	1.986"	1.976"	7.65 Argentine Mauser	2.105"	2.100"				.45 A.C.P.	.898"	.895"
6.5 Italian	2.065"	2.055"	.303 British	2.222"	2.212"				.45 A.C.P.	.898"	.895"
6.5 Mann--Schoe.	2.100"	2.100"	7.7 Japanese	2.270"	2.260"				.45 Auto Rim	.894"	.894"
6.5 Swedish	2.160"	2.150"	.32/20 Winchester	1.315"	1.305"				.45 Winchester Mag.	1.198"	1.193"
6.5 x 55 Danish Krag	2.165"	2.155"	.32/40 Winchester	2.130"	2.120"				.45 Colt	1.285"	1.280"
6.5 Remington Magnum	2.170"	2.160"	.32 Remington	2.050"	2.045"						
.264 Remington Magnum	2.500"	2.490"	.32 Winchester Special	2.040"	2.035"						
.270 Winchester	2.540"	2.530"	8 M/M Mauser	2.240"	2.235"						
.270 Weatherby Magnum	2.550"	2.540"	8 M/M Remington Magnum	2.850"	2.840"						
7 M/M Mauser	2.235"	2.225"	.338 Winchester Magnum	2.500"	2.490"						
.284 Winchester	2.170"	2.160"	.340 Weatherby Magnum	2.825"	2.815"						
7 M/M Remington Express	2.540"	2.530"	.348 Winchester	2.255"	2.245"						
(.280 Rem.)	2.035"	2.025"	.351 Winchester	1.390"	1.376"						
7 M/M-08 Remington	2.035"	2.025"	.35 Remington	1.920"	1.910"						