



# GEMORO<sup>®</sup> SUREgauge<sup>™</sup> XL

USER MANUAL

## MAINTENANCE INSTRUCTIONS

1. Gently wipe down the gauge with a dry, clean cloth before using.
2. The gauge is a precision instrument and must be treated with care. Do not allow the gauge to fall or be handled in a rough way as it may damage it, impact its precision and void the warranty.
3. Keep the gauge clean, dry and away from liquids.
4. In order to save power, turn off the gauge when it is not in use. There is no auto shut-off with this gauge. Your unit will continue to run until you power it off.

## SCHEMATIC

1. Protective Scale Sticker
2. LCD Display
3. Millimeter/Inch Mode Button  
(mm/inch)
4. Locking Screw
5. Slider
6. Power Button (ON/OFF)
7. Zero Adjustment Setting Button (ZERO)
8. Battery Compartment Cover
9. LR44 Alkaline Battery (357 Silver Oxide)  
(located within the gauge)

## SCHEMATIC



### HIGH SETTING ATTACHMENT

To measure the depth of certain mounted stones, place the high setting attachment on the lower pin as shown on the schematic Measuring Surface A. Press the zero adjustment setting prior to measuring the stone's depth.



HIGH SETTING ATTACHMENT

## TECHNICAL SPECIFICATIONS

Measuring Range: 0-25mm/0-1”

Precision Accuracy: 0.01mm/0.0005”

Power: LR44 Alkaline Battery (Or 357 Silver Oxide)

Environmental Conditions

Temperature: 0°C-40°C

Relatively Humidity: ≤80%

Storage Temperature: -10°C– +60°C

## FUNCTIONS

1. Power ON/OFF – Press the “ON/OFF” button to activate or deactivate the gauge.
2. Zero Adjustment Setting – Press the “ZERO” button while the unit is on.
3. Millimeter/Inch Conversion – Press the “mm/in” button to switch between measuring modes.
4. Measurement Locking – To hold a setting, tighten the Locking Screw on the top of the gauge.

## BATTERY REPLACEMENT

If the LCD display flashes its digits on and off this is an indication that the batteries are weak and in need of immediate replacement. On the backside of the gauge nearest the LCD display, locate the small screw and carefully unscrew it to remove the battery compartment cover and replace the battery (positive side facing up). Replace the battery compartment cover.

## OPERATION

1. Push the ON/OFF power button to activate the gauge.
2. Loosen the locking screw by turning it counter clockwise and move the slider up/down and check to see if all the buttons function properly.
3. Push the mm/inch button until the desired unit of measure has been selected.
4. Apply only a slight pressure to move the slider down in order to open steel jaws of the measuring surface as needed. Only allow the jaws to close slowly to avoid damage to the gauge.
5. Measure stones or items within the jaws and read the measurement on its LCD display.
6. Lock in the specific measurement by turning the locking screw clockwise.
7. To determine the depth of a stone in a setting that has its culet exposed through a hole in the setting, you must use the High Setting Attachment. Move the slider down to open the steel jaws all of the way. Locate the High Setting Attachment and place the female end over the bottom pin on the right side of the jaws and close the slider. Then press the ZERO button so that the LCD display will then read 0.00mm or 0.000 inches. Now move the slider down to open the jaws and insert the ring so that the stones culet is touching the end of the High Setting Attachment and the stones table is touching the jaws pin on top. The display will then show you the measurement.

8. Push the ON/OFF power button to deactivate the gauge.

## TROUBLE SHOOTING

FAILURE	CAUSE	MEASURE
Flashing digits	Low battery voltage	Replace the battery
No display on LCD	1. Low battery voltage	1. Replace the battery
	2. Poor battery contact	2. Adjust and clean the battery compartment
Display doesn't change when the slider is moved	Potential circuit problem	Take out battery and reinsert it after 1 minute

## WARRANTY

Congratulations on your purchase of the GemOro Suregauge XL! Your gauge features a ONE YEAR LIMITED WARRANTY from the date of its purchase assuming the purchaser fills out the WARRANTY REGISTRATION FORM at [www.gemoroproducts.com/warrantyregistration](http://www.gemoroproducts.com/warrantyregistration). If this criteria is not followed, the Suregauge XL will automatically be covered by a 90 DAY LIMITED WARRANTY from the date of your steamer purchase, as noted on the bill of sale (if supplied). In the event the Suregauge XL is no longer available or has been discontinued and warranty coverage is applicable, at the factory's sole discretion, an equivalent gauge may be substituted in place of the defective Suregauge XL. The purchaser shall incur the cost for return postage, insurance and handling for all warranty and non-warranty repairs and/or replacements. Warranty repairs and/or replacements will be shipped back to the customer FOB Destination to the location of the customer's choosing if within the Continental United States (U.S.). Non-warranty repairs will be shipped back to the customer FOB Factory. Should the customer require the repair and/or replacement unit(s) to be shipped outside the Continental U.S., the customer will be required to pay any related shipping charges and any related taxes/duties for the respective destination country, regardless of whether it is a warranty or non-warranty claim.



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