Please read through this owner's manual carefully before using the gauge. Use the tool properly and only for its intend use.
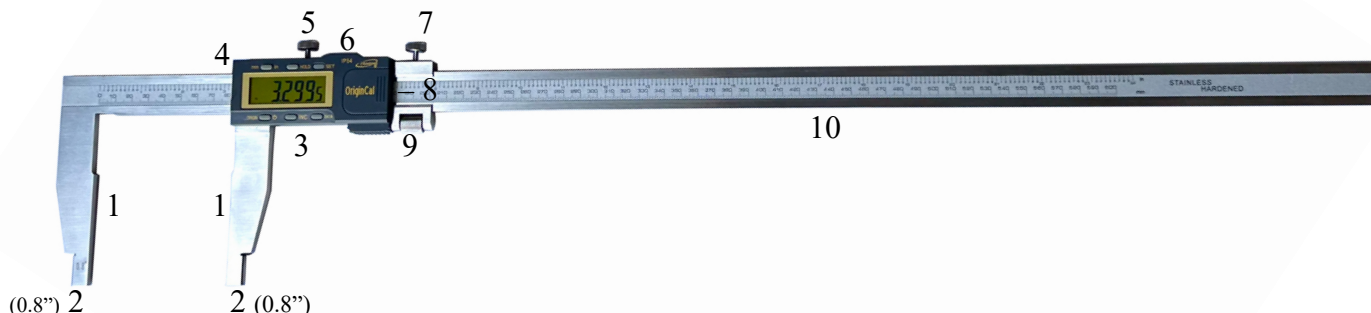
iGAGING® ABSOLUTE ORIGIN - HEAVY DUTY CALIPER

iGAGING OiginCal® Heavy Duty digital caliper uses the highly accurate ABSOLUTE encoder technology. It memories its origin zero position at all time. When turned on, it will display its actual position and ready to use without any additional set ups or calibration. High quality built for extra smooth movement. Heavy duty constructed. Stainless Steel body.

Parts:

1. Inside measuring surfaces
2. Outside measuring surfaces
3. Function keys
4. LCD display
5. Locking screw
6. Data output port
7. Fine-Adjustment Locking screw
8. Battery compartment
9. Fine-Adjustment roll
10. Main scale

Specification:
Resolution: 0.0005" / 0.01mm
Accuracy: #100-700-12-HD: ±0.0015"/0.03mm (0-12" / 0-300mm)
            #100-700-60: ±0.002"/0.05mm (0-24" / 0-600mm)
            #100-700-90: ±0.003"/0.06mm (0-40" / 0-1000mm)
Measuring speed: Unlimited
Protection rating: IP54
Power: Battery 3V, CR2032; Storage temperature: 0-40°c
Operating environment: 0-40°c; humidity: <80%

DATA Output Kit:
#100-700-USB: Cable Kit
#35-WL-CAD: Wireless Kit to computer
#35-BT-28: Wireless Kit to Bluetooth Device

Operations:
Press <u>Power/ORIGIN</u>: short press the key to switch unit on or off; long press (3 seconds) to set Origin Absolute Zero.
Press <u>in/mm</u> key to select desired measurement unit.
Press <u>HOLD</u> key to hold measurement reading.
Press <u>INC</u> key to set a increment zero, "INC" will display on the LCD. Press 0 key for 3 seconds to disable the function.
Press <u>SET</u> to active Preset function. To set a Preset value: Long press (3 seconds) SET, "P" will flash on LCD.
Long press SET again, a number digit will flash; short press SET to change value from 0 to 9; Long press SET to move to the next digit. When finish, long press SET to complete setting, "P" will flash. Short press SET to display configured value; "P" will show on LCD. Short press SET to exit the function; "P" will disappear. Preset function cannot be active when "INC" (increment zero) function is activated.
<u>Battery</u>: When battery sign starts flashing or no display, a new battery is needed. Remove the old battery by removing the battery cover and the rubber insert; pull up the battery tipper to remove the battery (*do NOT remove* the battery tipper, it is *NOT* a battery insulator). Install a new 3V **CR2032** battery with "+" size facing up. Please responsibly recycle the used battery. Turn on the display and follow the instruction to reset Origin.
Press <u>DATA</u> key to export measurement value to an external device (when using with an iGAGING Data Output Kit).

Precautions:

- Do not expose the instruments to direct sunlight or cold temperature.
- Do not attempt to disassemble the caliper for extended period of time.
- Avoid exposure to electromagnetic fields.
- Avoid exposure to all liquids and excessive humidity.

smart phone scan

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