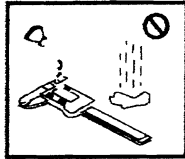


DIGITAL CALIPER

OPERATING PRECAUTIONS

Thank you for purchasing this digital caliper

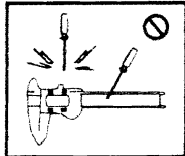
Read the following instructions carefully using product.



Operating precautions:

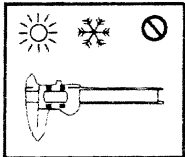
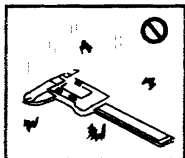
Warning

Outside and inside measuring jaws of this digital caliper have a sharp edge –HANDLE WITH CARE.



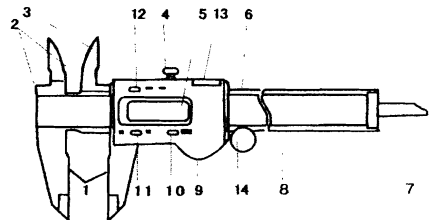
Important :

- Keep caliper face clean. Prevent liquid from getting into slider.
- Do not mark caliper with any type of elect–ronic engraving pen. Do not scratch scale.
- Avoid any type of impact to caliper. Place caliper in a safe, open area free of debris as a precaution.
- Do not operate caliper in direct sunlight. Do not store caliper in an area of extreme temperature.
- Clean caliper face with petrol only. Lubricate caliper with a few drops of clock oil DO NOT USE ACETONE OR ALCOHOL ON CALIPER.
- Do not remove end lid without using output interface, Output end should never be connected with metal. Doing so could damage your caliper.
- Always use Sr44 (silver oxide cell) battery in caliper.
- Do take out of the battery if not in use for a long time.



Caliper features:

- | | |
|---------------------------|--------------------------|
| 1.Outside Measuring Faces | 2. Step Measuring Faces |
| 3.Inside Measuring Faces | 4.Slider Clamp Screw |
| 5.LCD | 6.Main Scale |
| 7.Depth Measuring Blade | 8.Bean |
| 9.Battery Compartment | *10.ZERO (ON/ZERO)Switch |
| *11.ON/OFF(OFF) Switch | 12.inch/mm Switch |
| 13.Output Connector | *14.Thumb Roller |
- (*:Selected by models)



Function:

- This caliper features mm/inch change–over at any position and zero setting at any position to make differential measurements.
- On the upper right side of the slider is a serial output. Which can interface with a computer or printer via a special converter to process data.

Before operation:

Before using this caliper for the first time, wipe the rust preventative oil over the caliper using a soft cloth.

Remove battery compartment lid and insert SR44 battery with its positive(+) side facing upward.

Operating instructions:

For absolute measurement—after turning unit on, close jaws and press ZERO switch. The 0.00mm or in 0.000 display appears, indicating origin (absolute zero) setting is completed. The caliper is now ready for absolute measurements.

For comparison measurement—after turning unit on, open the jaws to the object of reference and press the ZERO switch. The 0.00mm or in 0.000 display appears, indicating zero setting is completed. The caliper is now ready for comparison measurements.

Troubleshooting:

Failure	Possible Situation	Solutions
Five digits appear simultaneously and change rapidly	Battery power low	Remove battery compartment lid and replace battery
The display does not work (only when changing battery)	Circuit accidental pause cause by poor voltage when fixing battery	Remove battery and replace it after 30 seconds
Reading error for full length is $\leq 0.1\text{mm}$	Dirt has damaged / covered sensor	Remove cover and slider assembly. Apply a small layer of petrol to avoid dirt build-up
Nothing appears on the LCD	Battery has poor contact Battery voltage is under 1.1V	Keep good contact for battery replace the battery

Specifications:

Range	0-100mm /4"	0-150mm /6"	0-200mm /8"	0-300mm /12"
Accuracy	$\pm 0.02\text{mm}$ / ± 0.001 "	$\pm 0.02\text{mm}$ / ± 0.001 "	$\pm 0.02\text{mm}$ / ± 0.001 "	$\pm 0.03\text{mm}$ / ± 0.001 "

Resolution: 0.01mm/0.0005"

Repeatability: 0.01mm/0.0005"

Maximum Measurement Speed: 1.5m/s-60in/s

Operating Temperature: 0°C-40°C

Storage Temperature: -10°C-60°C

Power: 1.5V SR44 (silver oxide cell)-1 battery

Battery Life: 1 year continuous usage/3 years under normal operation