

SPECIFICATIONS AND FUNCTIONS

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

Measuring Range:	Resolution:
0 - 150mm / 0 - 6"	0.01mm / 0.0005"
0 - 200mm / 0 - 8"	0.01mm / 0.0005"
0 - 300mm / 0 - 12"	0.01mm / 0.0005"

Measuring Range:	Accuracy:
0 - 200mm / 0 - 8"	0.03mm / 0.001"
200 - 300mm / 8 - 12"	0.04mm / 0.0015"

Repeatability: 0.01 mm or 0.0005"

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

Measuring system: Non-contact linear CAP measuring system

Display: LCD display, minus sign "-", character in 6.35mm/0.25" height for 5 digits, small digit "5" and "IN" sign for inch measuring unit.

Battery: One silver oxide battery 1.5V for one year of continuous use. Low battery warning by flashing display.

Operating temperature: 0 °C ~ +40 °C

Storage temperature: -20 °C ~ +70 °C

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

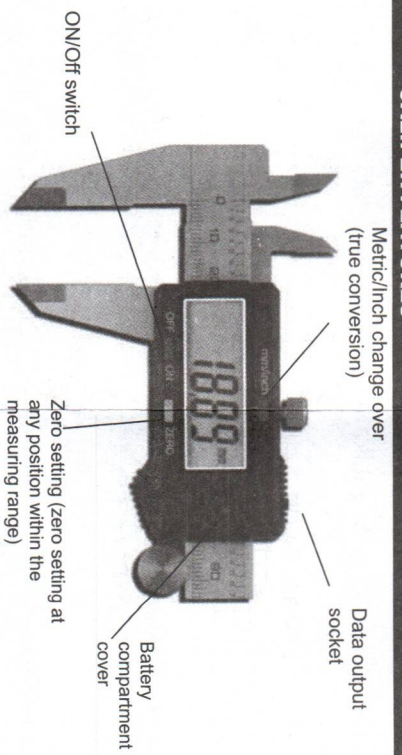
Data output: Serial output for interface with host computer or printer

Data processing interface(option): Functions:

data storage, processing & printing, with software of quality control

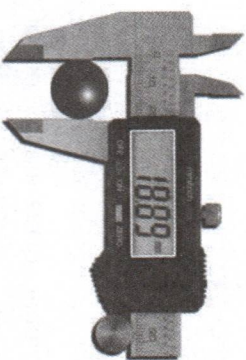
Auto power off

CALIPER FEATURES



CALIPER APPLICATIONS

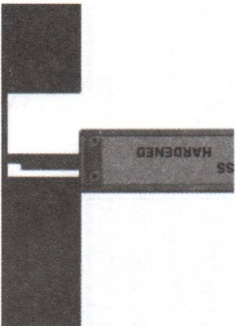
Measurements of external dimensions



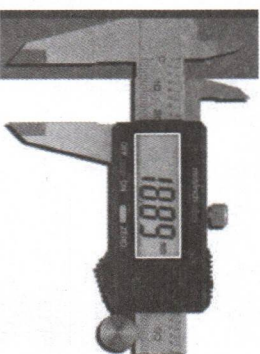
Measurements of internal dimensions



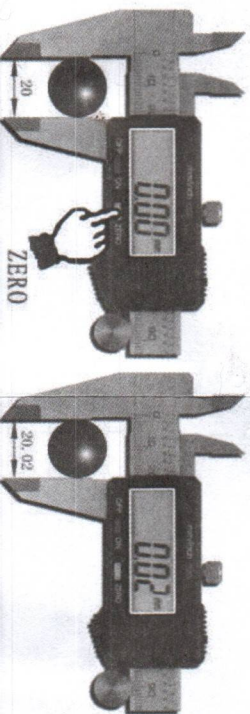
Measurements of depth



Measurements of steps



Differential method measurement (Application of zero setting)



CARE & MAINTENANCE

1. Keep body face clean, prevent liquid material from getting into slider to destroy electronics
2. 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.
3. Keep battery compartment clean and free of corrosion.

TROUBLESHOOTING

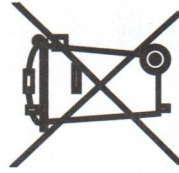
PROBLEM: Every second 5 digits jump simultaneously Display cannot count	SOLUTION: Battery voltage is under 1.45V. Remove cover and replace battery. Faulty circuit. Remove battery, after 30 sec. put battery back into compartment.
Display shows 000.00 or IN 00.000	Function buttons and sliders signal end may have shorted out. Remove the cover, put the button springs in place with rubber covers. Contact must be unobstructed.
Function buttons not active	Springs or rubber covers may be out of shape due to excessive pressing. See solution above for tips.
Reading error for full length is ≥ 0.1 mm	Sensor may have dirt or deposits in it Remove cover and slider assembly. Blow off sensor face with clean pressurized air (≥ 5 kg/cm squared), clean with a dry, lint-free cloth.
No display on LCD screen	1.) Poor battery contact. Check battery compartment, clean if necessary. 2.) Battery voltage is under 1.3V. Replace with correct battery.

AUTO POWER-OFF Digital Caliper



03.04.0487ECC

OWNER'S MANUAL



**FOR YOUR SAFETY, and
CARE OF THIS TOOL**
please read these instructions
carefully and retain them for future use.

D4 06 07 60503 001

In accordance with the European
Directive ROHS 2011/65/EU