

## SPECIFICATIONS AND FUNCTIONS

Measuring range	Resolution
0 - 150mm/0 - 6"	0.01 mm 0.0005"

Measuring range	Accuracy
0 - 200mm/0 - 8"	0.03mm 0.001"

**Indication error:** 0.03mm

**Repeatability:** 0.01mm 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 4.7mm/0.185" 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 of battery warning by flashing display .

**Operating temperature:** 0°C to 40°C

**Storage temperature:** -20°C to 70°C

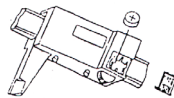
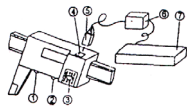
**Operating humidity:** within 0 to 80% of relative humidity

**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 switch off:** When the LCD displays "0" the battery will be cut off automatically in 7 minutes. Move the slider and/or push the mm/inch button, the display will be recovered.



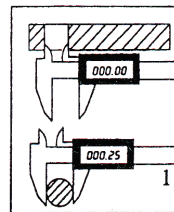
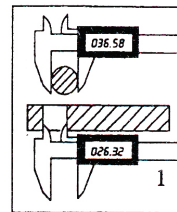
Battery replacement

1. METRIC/INCH change over (true conversion)
2. Zero setting (zero setting at any position within the measuring range)
3. Battery changer cover
4. Data output socket
5. Data output plug (option)
6. Data processing interface (option)
7. Micro computer (option)

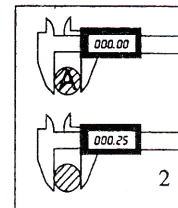
## INSTRUCTIONS

1. Keep body face clean, prevent liquid material from getting into slider to destroy electronics.
2. Face should be cleared by petrol, body lubricated by few clock oil. Acetone and alcohol mustn't be used.
3. Don't remove end lid without using output interface. Output end shouldn't be contacted with metal in order to protect electronics against damage.
4. Other notes refer to conventional caliper.

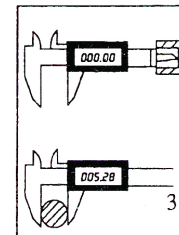
## APPLICATIONS:



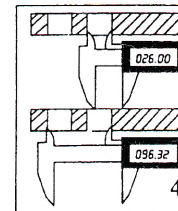
1. Comparisons between plug and hole:



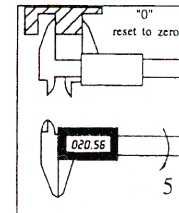
2. Deviation from reference size A



3. Measuring of bottom thickness



4. Measuring of center distance between two identical holes



5. Measuring where display faces opposite

## **WARRANTY, SERVICE, OR RECALIBRATION**

For warranty, service, or recalibration  
contact:

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## **TRACEABLE® DIGITAL CALIPER INSTRUCTIONS**