

**AUTO POWER-OFF  
DIGITAL CALIPER**

IN ACCORDANCE WITH THE  
EUROPEAN DIRECTIVE  
ROHS 2011/65/EU  
D4 06 07 60503 001



03.04.0487ECC



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**OWNER'S MANUAL  
ORIGINAL INSTRUCTIONS**



## 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-contacting 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:** SR44/LR44.

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.

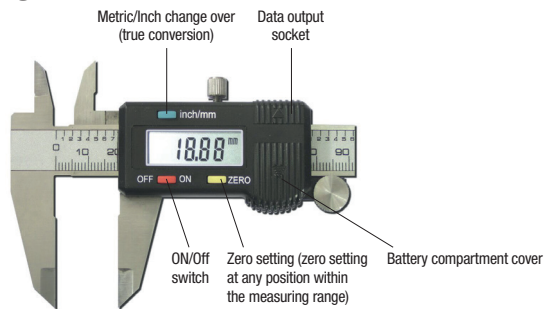
## TROUBLESHOOTING

PROBLEM	SOLUTION
Every second 5 digits jump simultaneously	Battery voltage is under 1.45V. Remove cover and replace battery.
Display cannot count	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 $\geq 0.1$ mm	Sensor may have dirt or deposits in it. Remove cover and slider assembly. Blow off sensor face with clean pressurized air ( $\geq 5$ 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.

## 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.

## CALIPER FEATURES



## CALIPER APPLICATIONS

### Measurements of external dimensions



### Measurements of internal dimensions



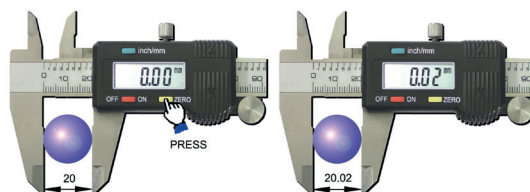
### Measurements of depth



### Measurements of steps



### Differential method measurement (Application of zero setting)




**SNA Europe**

DATE: 24-07-2018



(ENG) EC DECLARATION OF CONFORMITY  
(FRA) DÉCLARATION DE CONFORMITÉ CE  
(ESP) DECLARACIÓN DE CONFORMIDAD DE LA CE  
(POR) DECLARAÇÃO DE CONFORMIDADE EC  
(ITA) DICHIARAZIONE DI CONFORMITÀ CE  
(GER) EG-KONFORMITÄTSEKRLÄRUNG  
(NED) EG- VERKLARING VAN OVEREENSTEMMING  
(POL) EC DEKLARACJA ZGODNOŚCI

(SWE) CE DEKLARATION  
(DEN) EF-VERENSSTEMMELSESEKRLÆRING  
(NOR) ECSAMSVKRLARING  
(FIN) EY-VAATIMUSTENMUKAISUUSVAKUUTUS  
(RUS) Декларация о соответствии EC  
(TUR) CE STANDARDIZASYON BEYANI  
(CZE) PROHLÁŠENÍ O SHODĚ  
(SVK) PREHLÁSENIE O ZHODE

(ENG) Hereby declares that: / The device:  
(FRA) Déclare par la présente que: / L'appareil:  
(ESP) Declaro que: / El aparato:  
(POR) Vimos por este meio declarar: / O aparelho:  
(ITA) Con la presente dichiaro che: / Dispositivo:  
(GER) Hiermit wird erklärt, dass: / Die folgenden Erzeugnisse:  
(NED): Hierbij verklaart dat: / Het apparaat:  
(POL) Niniejszym oświadczam, że: / Urządzenia:


(SWE) Härmed deklarerar att: / Enheten:  
(DEN): Erklærer herved at: / enheten:  
(NOR): Erklærer herved at: / enheten:  
(FIN): Vakuutamme täten: / Että tuote:  
(RUS) Настоящим заявляем, что: / Устройство:  
(TUR) Beyan ederiz ki: / Cihaz:  
(CZE) Niže prohlašujeme, že: / výrobek:  
(SVK) Týmto prehlasujeme, že: / Vyrobok:

Type Type Tipo Tipo genere Art Type Rodzaj Typ Type Type Type Tuyppi Тип tip Typ Vrsta Τύπος	984-6D-1	(ENG) Product: (FRA) Produit : (ESP) Producto : (POR) Produto: (ITA) Prodotto: (GER) Produkt: (NED) Product: (POL) Produkt: (SWE) Produkten : (DEN) Produktet: (NOR) Produktet: (FIN) Tuotteen: (RUS) Изделие: (TUR) Ürün: (CZE) Výrobek (SVK) Výrobok : (GRE) Προϊόν:	Digital caliper étrier numérique Calibrador digital paquímetro digital Calibro digitale Digital-Schieber digitale beugel Suwmiarka cyfrowa Digital kaliper Digital skydelære Digital caliper digitaalinen työntömitta цифровой суппорт Dijital kumpas Digitální posuvné měřtko Digitální čeljusti Ψηφιακή δαγκάνα	Year An Año Ano Anno Jahr Jaar Rok År År År vuosi Год Yıl Rok Leto Ετος	2018
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(ENG) Was manufactured in conformity with the provisions in the:  
(FRA) A été fabriqué en conformité avec les dispositions des:  
(ESP) Está fabricada según las disposiciones de:  
(POR) Foi fabricado em conformidade com os pressupostos:  
(ITA) Prodotto in conformità con le disposizioni:  
(GER) In Übereinstimmung mit den Bestimmungen der:  
(NED) Is vervaardigd in overeenstemming met de bepalingen in de:  
(POL) Został wyprodukowany zgodnie z przepisami

(SWE) Producerats enligt bestämmelserna i följande direktiv:  
(DEN) Produisert i samsvar med bestemmelserne i:  
(NOR) Produisert i samsvar med bestemmelserne i:  
(FIN) On valmistettu noudattaen säännöksiä:  
(RUS) Было произведено в соответствии с положениями:  
(TUR) Aşağıdaki Standartlara uygun üretilmiştir:  
(CZE) Byl vyroben ve shodě s předpisy:  
(SVK) Bol vyrobený v zhode s predpismi:

2014/30/EU

(ENG) Quality manager (FRA) Directeur qualité (ESP) Director de calidad (POR) Director de Qualidade (ITA) Responsabile Qualità (GER) Qualitätsmanager (NED) Kwaliteit Bestuurder (POL) Kierownik jakości (SWE) Kvalitetschef (DEN) Kvalitetschef (NOR) Kvalitetschef (FIN) Laatupäällikkö (TUR) Kalite Müdürü (RUS) Менеджер по качеству (CZE) Manager kvality (SVK) Manažér kvality	SERGIO CALVO	(ENG) Signature (FRA) Signature (ESP) Firma (POR) Assinatura (ITA) Firma (GER) Unterschrift (NED) Handtekening (POL) Podpis (SWE) Underskrift (DEN) Underskrift (NOR) Underskrift (FIN) Nimikirjoitus (TUR) İmza (RUS) Подпись (CZE) Podpis (SVK) Podpis	  Antigua ctra. Altube Km 5,5 01196 Arangiz, SPAIN
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