Stainless Steel Digital Vernier Caliper

Large LCD Screen | Inside · Outside · Depth · Step Measurement | mm / inch | Hardened Stainless Steel



1. GENERAL DESCRIPTION

stainless steel digital vernier caliper is a precision measuring tool with a large, easy-to-read LCD screen. It measures outside dimensions, inside dimensions, depth and step height to a resolution of 0.01 mm (0.0005 in), and switches between metric and inch units at the touch of a button. Typical uses in cabling work include checking cable outer diameter, conductor and wire gauge, plug and boot dimensions and the size of cable-entry holes. The hardened stainless steel body is corrosion resistant and built for daily workshop and field use.

2. KEY FEATURES

- Large LCD display with clear digits for fast, accurate readings
- Measures outside, inside, depth and step dimensions in one tool
- mm / inch conversion with one button; zero setting at any position (absolute and relative measurement)
- Hardened stainless steel body, jaws and depth rod: durable and resistant to rust and wear
- Thumb-wheel for smooth, precise jaw movement and a lock screw to hold the reading
- Automatic power-off to save the battery; low-battery indication on the display

3. APPLICATIONS

- Measuring cable outer diameter, wire and conductor diameter, and insulation thickness
- Checking RJ45 plug, boot and connector dimensions and wall-box or cable-entry hole sizes
- General workshop, quality-control, laboratory and educational measurement

4. STANDARDS & COMPLIANCE

- DIN 862 / ISO 13385-1 — Callipers with vernier, dial or digital display [confirm]
- RoHS — [Compliant — Directive 2011/65/EU]
- Material — [Hardened stainless steel, 420 / 440 grade — confirm]

5. TECHNICAL SPECIFICATIONS

Measuring Range	[0 – 150 mm / 0 – 6 in]
Resolution	0.01 mm / 0.0005 in
Accuracy	[± 0.03 mm / ± 0.001 in]
Repeatability	[0.01 mm]
Display	Large LCD, [5-digit], mm / inch
Measurement Types	Outside, inside, depth, step
Measuring Speed	[≤ 1.5 m/s]
Power Supply	[1 × SR44 / LR44 (1.5 V) button cell]
Auto Power-Off	[After 5 minutes of inactivity]
Material	Hardened stainless steel

6. OPERATING INSTRUCTIONS & CARE

- Clean the jaws, close them fully and press ZERO before measuring; check the display reads 0.00.
- Place the object between the jaws (or use the upper jaws for inside measurements and the depth rod for depth), apply light, even pressure and read the display; lock the reading with the screw if needed.
- Press the unit button to switch between mm and inch; use zero at any position for relative measurements.
- Do not drop the caliper, or use it for scribing, prying or marking; avoid strong magnetic fields and water.
- Wipe clean and dry after use, remove the battery for long storage, and keep in its case.