

Micrometers

SERIES 343 – Digimatic Caliper Anvil Micrometer

- Effective for measuring workpiece features where access is difficult.
- Measuring faces: Carbide.
- Equipped with Ratchet Stop for constant measuring force.

Technical Data

Flatness: 0.3 μm (.000012")
 Parallelism*: (3+R/75) μm, [.00012+.00004(R/3)]"
 Battery: SR44 (2 pcs) **938882**

* R = max. range (mm/inch)
 Note: Fractions rounded down

Functions

Origin point setting (ABS measurement system):
 Resets the ABS origin at the current spindle position to the minimum value of the measuring range and switches to ABS mode.

Zero setting (INC measurement system):
 A brief press on the ZERO/ABS button sets display to zero at the current spindle position and switches to the incremental (INC) measuring mode. A longer press resets to the ABS measuring mode.

Hold:
 Pressing the HOLD button freezes the current value in the display. This function is useful for preserving a measurement in situations of poor visibility where the instrument must be moved away from the workpiece before the reading can be recorded.

Auto power ON/OFF:
 The reading on the LCD disappears after this instrument is idle for about 20 minutes, but the reading and measurement mode are retained. Turning the spindle causes the reading to reappear.

Data output:
 Models equipped with this function have an output port for transferring measurement data to a Statistical Process Control (SPC) system.

Error alarm:
 In the unlikely event of a display overflow or calculation error, an error message is displayed and measurement stops. Measurement cannot continue until the error is corrected. Also, if the battery voltage drops below a certain point, the battery indicator will turn on before measurement becomes impossible, warning the user that the battery needs to be replaced.

Optional Accessories

- 05CZA662:** SPC data cable with pushbutton (1 m) **£58.50**
- 05CZA663:** SPC data cable with pushbutton (2 m) **£70.40**
- 06ADV380B:** USB Input Tool Direct USB-ITN-B (2 m) **£106.00**
- 02AZD790B:** SPC data cable for U-WAVE-T (160 mm) **£52.20**
- 02AZE140B:** SPC data cable for U-WAVE-T and footswitch (160/500 mm) **£119.00**



343-350

SPECIFICATIONS

Inch/Metric				
Code No.	Range	Resolution	Accuracy*	Price
343-350	0-25 mm (0-1")	0.001 mm (.00005")	±5 μm (±.00025")	£428.00
343-351	25-50 mm (1-2")		±6 μm (±.0003")	£514.00
343-352	50-75 mm (2-3")		±7 μm (±.00035")	£538.00
343-353	75-100 mm (3-4")		±8 μm (±.0004")	£570.00

* Excluding quantizing error.

DIMENSIONS

