



Digimatic Outside Micrometers SERIES 293

Functions

Zero-setting:

A brief press on the ORIGIN button sets display to zero at the current spindle position (zero-setting), which allows easy comparison measurement.

Auto power ON/OFF:

The reading on the LCD disappears after this instrument is idle for about 20 minutes, but the reading is retained. Turning the spindle causes the reading on the LCD to reappear.

Error alarm:

In case of an overflow on the LCD or a computing error, an error message appears on the LCD, and the measuring function stops. This prevents an instrument from giving an erroneous reading. Also, when the battery voltage drops to a certain level, the low-battery-voltage alarm indicator appears well before the micrometer becomes unusable.

- Simple design and excluding the data output function keeps price economical.
- One switch operation (Origin Set) for easy use.
- Extended battery life of approximately 2.4 years.
- Equipped with Ratchet Stop for constant measuring force.
- Measuring faces: Carbide.



293-821-30

SPECIFICATIONS

Order No.	Range (mm)	Resolution (mm)	Measuring force (N)	Maximum permissible error J_{MPE} (μm)	Flatness (μm)	Parallelism (μm)	Mass (g)
293-821-30	0 - 25	0.001	5 - 10	±2	0.3	2	270

Order No.	Range (in)	Resolution	Measuring force (N)	Maximum permissible error J_{MPE} (in)	Flatness (in)	Parallelism (in)	Mass (g)
293-831-30	0 - 1	0.00005 in/0.001 mm	5 - 10	±0.0001	0.000012	0.00008	270

Order No.	Range (in)	Resolution	Measuring force (N)	Maximum permissible error J_{MPE} (in)	Flatness (in)	Parallelism (in)	Mass (g)
293-832-30	0 - 1	0.00005 in/0.001 mm	5 - 10	±0.0001	0.000012	0.00008	270

- SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
- Length standard: Electromagnetic rotary sensor
- Battery life: Approx. 2.4 years under normal use
- Spanner (**301336**), 1 pc.

DIMENSIONS

