

Depth Micrometer

SERIES 329, 129, 229 — Interchangeable Rod Type



FEATURES

- $\phi 4$ mm interchangeable rods, with lapped measuring end, provide a wide measuring range.
- The rod length can be adjusted in 25mm or 1" increments.
- With ratchet stop for constant force.
- With measuring rod clamp.
- With SPC output (Series 329).
- With digit counter (Series 229).
- Supplied in fitted plastic case.



SPECIFICATIONS

Metric Digimatic model			
Range	Order No.	Base Size	Rod Qty.
0 - 150mm	329-250-10	101.6x16mm	6 rods
0 - 300mm	329-251-10	101.6x16mm	12 rods

Metric			
Range	Order No.	Base Size	Rod Qty.
0 - 50mm	129-109	63.5x16mm	2 rods
0 - 100mm	129-111	63.5x16mm	4 rods
0 - 100mm	129-115	101.6x16mm	4 rods
0 - 150mm	129-112	63.5x16mm	6 rods
0 - 150mm	129-116	101.6x16mm	6 rods

Inch/Metric Digimatic model			
Range	Order No.	Base Size	Rod Qty.
0 - 6" / 0 - 152.4mm	329-350-10	4"x.63"	6 rods
0 - 12" / 0 - 304.8mm	329-351-10	4"x.63"	12 rods

Inch Digit counter model			
Range	Order No.	Base Size	Rod Qty.
0 - 4"	229-127	2.5"x.63"	4 rods
0 - 4"	229-131	4"x.63"	4 rods
0 - 6"	229-128	2.5"x.63"	6 rods
0 - 6"	229-132	4"x.63"	6 rods

Inch			
Range	Order No.	Base Size	Rod Qty.
0 - 4"	129-127	2.5"x.63"	4 rods
0 - 4"	129-131	4"x.63"	4 rods
0 - 6"	129-128	2.5"x.63"	6 rods
0 - 6"	129-132	4"x.63"	6 rods
0 - 12"	129-149	2.5"x.63"	12 rods
0 - 12"	129-150	4"x.63"	12 rods

Technical Data

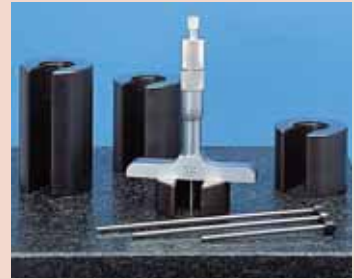
Accuracy: $\pm 0.0012''/\pm 3\mu\text{m}$ for micrometer head feed (excluding quantizing error for digital models) $\pm [0.0008 + (.00004 \times R/3)]''$
 $R = \text{max. measuring length (inch)}$
 $\pm (2 + L/75)\mu\text{m}$ for interchangeable rod,
 $L = \text{Max. measuring length (mm)}$
 Resolution*: 0.001mm or .00005"/0.001mm
 Graduation*: 0.01mm or .001"
 Flatness of reference face: .00005" for 2.5"/1.3 μm for 63.5mm width base, .00008" for 4"/2 μm for 101.6mm width base
 Flatness of measuring rod face: 0.3 μm
 Parallelism between reference face and measuring rod face: $[.00016 + (.00004 \times R/2)]''$
 $R = \text{max. measuring range (inch)}$
 $(4 + L/50)\mu\text{m}$, $L = \text{Max. measuring length (mm)}$
 Measuring rod diameter: .157"/4mm
 Display*: LCD
 Battery*: SR44 (1 pc.), **938882**
 Battery life*: Approx. 3.5 years under normal use
 *Digital models **Analog models

Function of Digimatic Model

Origin-set, Zero-setting, Data hold, Data output, inch/mm conversion (on inch/metric models only)
 Alarm: Low voltage, Counting value composition error
 Function Lock
 2 Presets

Optional Accessories for Digimatic Model

- 05CZA662:** SPC cable with data switch (40" / 1m)
- 05CZA663:** SPC cable with data switch (80" / 2m)



DIMENSIONS

