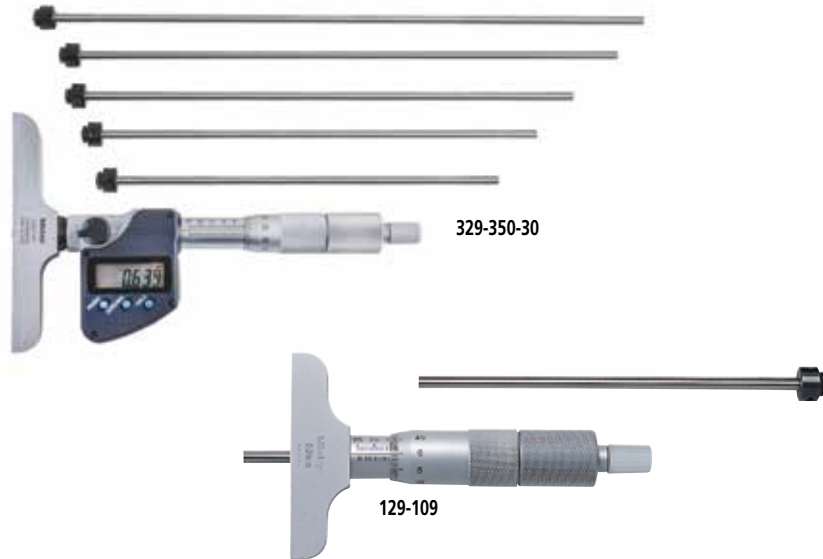# Depth Micrometer
SERIES 329, 129 — Interchangeable Rod Type

SPC

FEATURES

- ø4mm interchangeable rods, with lapped measuring end, provide a wide measuring range.
- The rod length can be adjusted in 1" or 25mm increments.

- With ratchet stop for constant force.
- With measuring rod clamp.
- With SPC output (Series 329).
- Supplied in fitted plastic case.

329-350-30
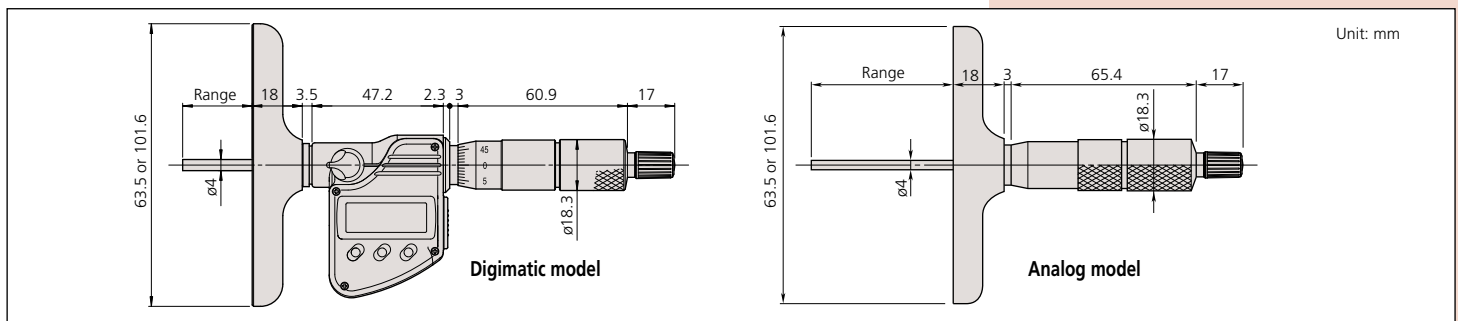
129-109

Technical Data

Accuracy: ±.00015"/3µm for micrometer head feed
±[.00008 + (.00004xR/3)]"
R= max. measuring length (inch)
±(2+L/75)µm for interchangeable rod,
L=Max. measuring length (mm)
Resolution*: .00005"/0.001mm or 0.001mm
Graduation**: .001" or 0.01mm
Flatness of reference surface (base):
.00005"/1.3µm for 2.5"/63.5mm wide base
.00008"/2µm for 4"/.6mm wide base
Flatness of measuring face (rod):
.000012"/0.3µm
Parallelism between reference face and measuring rod face:
[.00016 + (.00004 x R/2)]"
R=max. measuring range (inch)
(4+L/50)µm
L=Max. measuring length (mm)
Zero point error of rods:
±.0002"/4µm for 0-6"/0-150mm models
±.0003"/6µm for 0-12"/0-300mm models
Measuring rod diameter: .157"/4mm
Display*: LCD
Battery*: SR44 (1 pc.), **938882**
Battery life*: Approx. 2.4 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)
Function Lock, 2 Presets
Alarm: Low voltage, Counting value composition error

Optional Accessories for Digimatic Model

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

SPECIFICATIONS

Metric — Digimatic model

Range	Order No.	Base Size	Rod Qty.
0 - 150mm	**329-250-30**	101.6x16mm	6 rods
0 - 300mm	**329-251-30**	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	**329-350-30**	4"x.63"	6 rods
0 - 12" / 0 - 304.8mm	**329-351-30**	4"x.63"	12 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

DIMENSIONS

Unit: mm

Digimatic model

Analog model