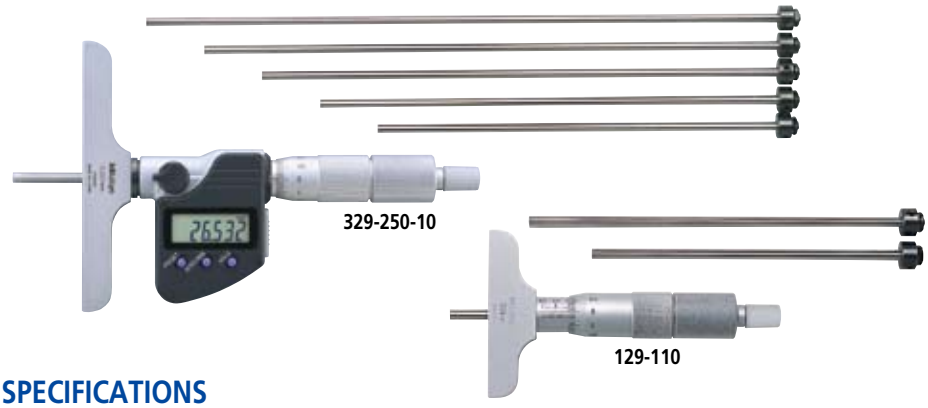
Depth Micrometer

SERIES 329, 129 — Interchangeable Rod Type

FEATURES

- ø4mm interchangeable rods, with lapped measuring end, provide a wide measuring range in 25mm increments.
- Ratchet stop provides constant force.
- Measuring rod lock.
- SPC output (Series 329).



SPECIFICATIONS

Metric Digital model

Range	Order No.	Base	No. of rods
0 - 150mm	**329-250-10**	101.6 x 16mm	6
0 - 300mm	**329-251-10**	101.6 x 16mm	12

Inch/Metric Digital model

Range	Order No.	Base	No. of rods
0 - 6"	**329-350-10**	4" x .63"	6
0 - 12"	**329-351-10**	4" x .63"	12

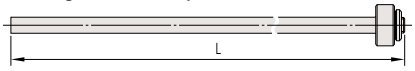
Metric

Range	Order No.	Base	No. of rods
0 - 25mm	**129-154**	63.5 x 16mm	
0 - 25mm	**129-155**	101.6 x 16mm	
0 - 50mm	**129-109**	63.5 x 16mm	2
0 - 50mm	**129-113**	101.6 x 16mm	2
0 - 75mm	**129-110**	63.5 x 16mm	3
0 - 75mm	**129-114**	101.6 x 16mm	3
0 - 100mm	**129-111**	63.5 x 16mm	4
0 - 100mm	**129-115**	101.6 x 16mm	4
0 - 150mm	**129-112**	63.5 x 16mm	6
0 - 150mm	**129-116**	101.6 x 16mm	6
0 - 300mm	**129-152**	63.5 x 16mm	12
0 - 300mm	**129-153**	101.6 x 16mm	12

Inch

Range	Order No.	Base	No. of rods
0 - 2"	**129-129**	4" x .63"	2
0 - 3"	**129-126**	2.5" x .63"	3
0 - 3"	**129-130**	4" x .63"	3
0 - 4"	**129-127**	2.5" x .63"	4
0 - 4"	**129-131**	4" x .63"	4
0 - 6"	**129-128**	2.5" x .63"	6
0 - 6"	**129-132**	4" x .63"	6
0 - 12"	**129-149**	2.5" x .63"	12
0 - 12"	**129-150**	4" x .63"	12

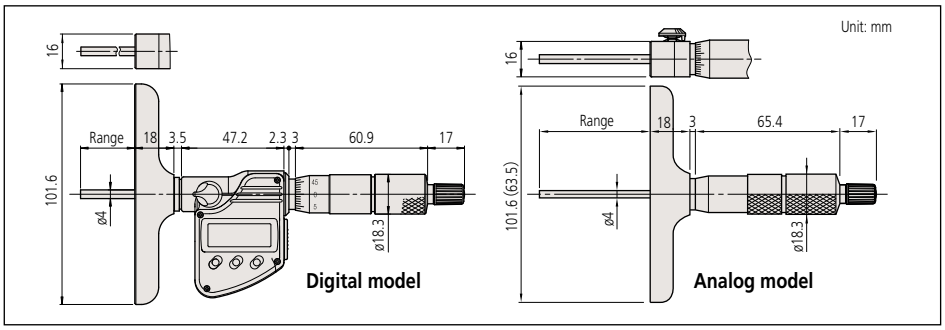
Interchangeable rod (Optional Accessories)



Range		0 - 25mm	25 - 50mm	50 - 75mm	75 - 100mm	100 - 125mm	125 - 150mm	150 - 175mm	175 - 200mm	200 - 225mm	225 - 250mm	250 - 275mm	275 - 300mm
For digital model	**Order No.**	**983501**	**983503**	**983505**	**983507**	**983509**	**983511**	**983525**	**983527**	**983529**	**983531**	**983533**	**983535**
	L	104mm	129mm	154mm	179mm	204mm	229mm	254mm	279mm	304mm	329mm	354mm	379mm
For analog model	**Order No.**	**983505**	**983507**	**983509**	**983511**	**983525**	**983527**	**983529**	**983531**	**983533**	**983535**	**981781**	**981782**
	L	154mm	179mm	204mm	229mm	254mm	279mm	304mm	329mm	354mm	379mm	404mm	429mm

Range		0 - 1"	1 - 2"	2 - 3"	3 - 4"	4 - 5"	5 - 6"	6 - 7"	7 - 8"	8 - 9"	9 - 10"	10 - 11"	11 - 12"
For digital model	**Order No.**	**983502**	**983504**	**983506**	**983508**	**983510**	**983512**	**983526**	**983528**	**983530**	**983532**	**983534**	**983536**
	L	104.3mm	129.7mm	155.1mm	180.5mm	205.9mm	231.3mm	256.7mm	282.1mm	307.5mm	332.9mm	358.3mm	383.7mm
For analog model	**Order No.**	**983506**	**983508**	**983510**	**983512**	**983526**	**983528**	**983530**	**983532**	**983534**	**983536**	**981783**	**981784**
	L	155.1mm	180.5mm	205.9mm	231.3mm	256.7mm	282.1mm	307.5mm	332.9mm	358.3mm	383.7mm	409.1mm	434.5mm

DIMENSIONS



Technical Data

Accuracy: ±3μm/±.00015" for micrometer head feed (excluding quantizing error for digital models)
±(2+L/75)μm for interchangeable rod,
L = Max. measuring length (mm)
±[.0001+.00005 (R/3)]"
R = Max. measuring length (inch)
Fraction rounded up

Resolution*: 0.001mm or .00005"/0.001mm (.0001"/0.001mm: **329-351-10**)

Graduation**: 0.01mm or .001"

Flatness of reference face: 1.3μm (.00005") for 63.5mm (2.5") width base,
2μm (.0001") for 101.6mm (4") width base

Flatness of measuring rod face: 0.3μm

Parallelism between reference face and measuring rod face:
(4+L/50)μm, L = Max. measuring length (mm)
[.00016+.00004 (R/2)]" ,R = Max. measuring length (inch)
Fraction rounded up

Measuring rod diameter: ø4mm

Display*: LCD

Battery*: SR44 (1 pc.), **938882**

Battery life*: Approx. 1.2 years under normal use

*Digital models **Analog models

Functions of Digital Model

2-point Preset, Zero-setting, Data hold, Automatic power ON/OFF, Data output, Preset inch/mm conversion (inch/mm models) Function lock

Alarm: Low voltage, Counting value composition error

Optional Accessories for Digital Model

05CZA662: SPC cable with data switch (1m)
05CZA663: SPC cable with data switch (2m)
02AZD790B: SPC cable for U-WAVE w/ data switch (160mm)

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