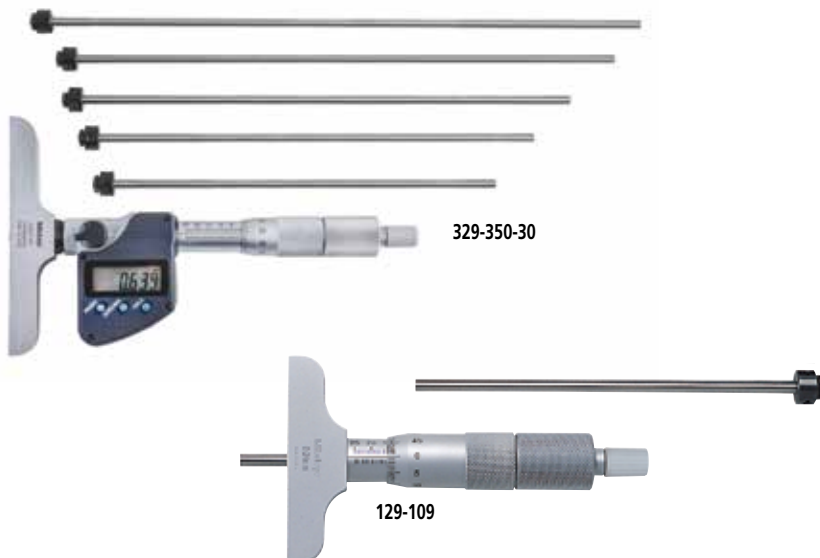


# Depth Micrometer

## SERIES 329, 129 — Interchangeable Rod Type

### FEATURES

- $\varnothing 4$ mm 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.



### SPECIFICATIONS

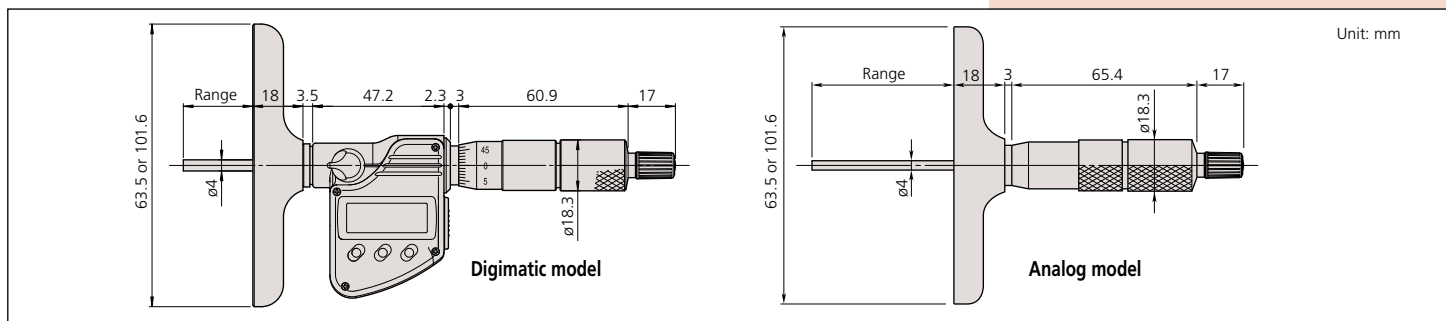
| Metric Digimatic model |                   |            |          |
|------------------------|-------------------|------------|----------|
| Range                  | Order No.         | Base Size  | Rod Qty. |
| 0 - 150mm              | <b>329-250-30</b> | 101.6x16mm | 6 rods   |
| 0 - 300mm              | <b>329-251-30</b> | 101.6x16mm | 12 rods  |

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

| Inch/Metric Digimatic model |                   |           |          |
|-----------------------------|-------------------|-----------|----------|
| Range                       | Order No.         | Base Size | Rod Qty. |
| 0 - 6" / 0 - 152.4mm        | <b>329-350-30</b> | 4"x.63"   | 6 rods   |
| 0 - 12" / 0 - 304.8mm       | <b>329-351-30</b> | 4"x.63"   | 12 rods  |

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

### DIMENSIONS



### Technical Data

Accuracy:  $\pm 0.0015"/3\mu\text{m}$  for micrometer head feed  
 $\pm [0.0008 + (0.0004 \times R/3)]"$   
 $R = \text{max. measuring length (inch)}$   
 $\pm (2 + L/75)\mu\text{m}$  for interchangeable rod,  
 $L = \text{Max. measuring length (mm)}$   
Resolution\*:  $.00005"/0.001\text{mm}$  or  $0.001\text{mm}$   
Graduation\*\*:  $.001"$  or  $0.01\text{mm}$   
Flatness of reference surface (base):  
 $.00005"/1.3\mu\text{m}$  for  $2.5"/63.5\text{mm}$  wide base  
 $.00008"/2\mu\text{m}$  for  $4"/6\text{mm}$  wide base  
Flatness of measuring face (rod):  
 $.000012"/0.3\mu\text{m}$   
Parallelism between reference face and measuring rod face:  
 $[0.0016 + (0.0004 \times R/2)]"$   
 $R = \text{max. measuring range (inch)}$   
 $(4 + L/50)\mu\text{m}$   
 $L = \text{Max. measuring length (mm)}$   
Zero point error of rods:  
 $\pm 0.0002"/4\mu\text{m}$  for  $0-6"/0-150\text{mm}$  models  
 $\pm 0.0003"/6\mu\text{m}$  for  $0-12"/0-300\text{mm}$  models  
Measuring rod diameter:  $.157"/4\text{mm}$   
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)

