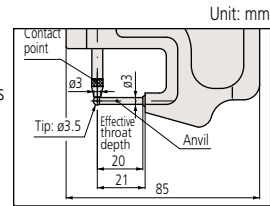


ABS Digimatic Pipe Gauge



- Designed for measuring the thickness of pipes and curved boards



Metric ISO/JIS Type

| Order No. | Resolution | Measuring range | Throat depth | Minimum inside diameter of pipe | Accuracy | Measuring force |
|-----------|------------|-----------------|--------------|---------------------------------|---------------|-----------------|
| 547-360 | 0.01mm | 0~10mm | 20mm | ø3.5mm | ±20µm or less | 1.5N or less |

Inch/Metric ANSI/AGD Type

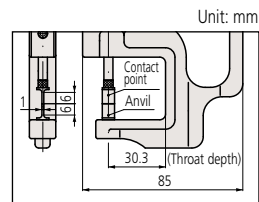
| Order No. | Resolution | Measuring range | Throat depth | Minimum inside diameter of pipe | Accuracy | Measuring force |
|-----------|---------------|-----------------|--------------|---------------------------------|----------------|-----------------|
| 547-361S | .0005"/0.01mm | 0~.4"/0~10mm | 20mm | ø3.5mm | ±.001" or less | 1.5N or less |

- Note) 1. Changing the contact point requires total adjustment, including the main display unit. Contact Mitutoyo for advice.
 2. The accuracy specification does not include the quantizing error of ±1 count.
 3. Left-handed models can be supplied to special order.

ABS Digimatic Groove Gauge



- Best suited for measuring the depth of narrow grooves on cylindrical workpieces
- The contact point and measuring face of the anvil are 1mm thick blade blades.



Metric ISO/JIS Type

| Order No. | Resolution | Measuring range | Throat depth | Contact point and anvil dimensions (W x D) | Accuracy | Measuring force |
|-----------|------------|-----------------|--------------|--|---------------|-----------------|
| 547-315 | 0.01mm | 0~10mm | 30mm | 6.5mm x 1mm | ±20µm or less | 1.5N or less |

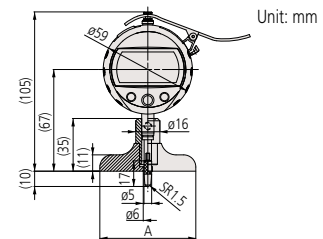
Inch/Metric ANSI/AGD Type

| Order No. | Resolution | Measuring range | Throat depth | Contact point and anvil dimensions (W x D) | Accuracy | Measuring force |
|-----------|---------------|-----------------|--------------|--|----------------|-----------------|
| 547-316S | .0005"/0.01mm | 0~.4"/0~10mm | 30mm | 6.5mm x 1mm | ±.001" or less | 1.5N or less |

- Note) 1. Changing the contact point requires total adjustment, including the main display unit. Contact Mitutoyo for advice.
 2. The accuracy specification does not include the quantizing error of ±1 count.
 3. Left-handed models can be supplied to special order.

ABS Digimatic Depth Gauge

- Suitable for measuring the depth of holes, narrow grooves, and steps.
- The lifting lever can be used either on the left or right sides.



Metric ISO/JIS Type

| Order No. | Resolution | Measuring range | Stroke | Accuracy | Measuring force | Base | | | Contact point: Carbide-tipped ball | Extension rods |
|-----------|------------|-----------------|--------|----------|-----------------|---------|-------|-------------|------------------------------------|-----------------------------|
| | | | | | | Length | Width | Flatness | | |
| 547-211 | 0.01mm | 0~200mm | 12mm | ±20µm | 1.5N or less | 63.5mm | 16mm | 5µm or less | 21JAA224 | 5 pcs. (.10, 20, 30, 100mm) |
| 547-212 | | | | | | 101.6mm | | | | |
| 547-251 | 0.001mm | 0~200mm | 12mm | ±5µm | 1.5N or less | 63.5mm | 16mm | 2µm or less | 21JAA224 | 5 pcs. (.10, 20, 30, 100mm) |
| 547-252 | | | | | | 101.6mm | | | | |

Inch/Metric ANSI/AGD Type

| Order No. | Resolution | Measuring range | Stroke | Accuracy | Measuring force | Base | | | Contact point: Carbide-tipped ball | Extension rods |
|-----------|-----------------|-----------------|--------|-----------------|-----------------|--------|-------|-----------------|------------------------------------|--------------------------|
| | | | | | | Length | Width | Flatness | | |
| 547-217S | .0005"/0.01mm | 0~8" | .5" | ±.001" or less | 1.5N or less | 2.5" | .63" | .0002" or less | 21JAZA242 | 4 pcs. (.5", 1", 2", 4") |
| 547-218S | .0005"/0.01mm | 0~8" | .5" | ±.001" or less | 1.5N or less | 4" | .63" | .0002" or less | | 4 pcs. (.5", 1", 2", 4") |
| 547-257S | .00005"/0.001mm | 0~8" | .5" | ±.0002" or less | 1.5N or less | 2.5" | .63" | .00008" or less | | 4 pcs. (.5", 1", 2", 4") |
| 547-258S | .00005"/0.001mm | 0~8" | .5" | ±.0002" or less | 1.5N or less | 4" | .63" | .00008" or less | | 4 pcs. (.5", 1", 2", 4") |

Note) The accuracy specification does not include the quantizing error of ±1 count.