### Disk Micrometers
**SERIES 369, 227, 169 — Non-Rotating Spindle Type**

#### FEATURES
- The Disk Micrometer is designed to easily measure root tangent length of spur gears and helical gears.
- Non-rotating spindle eliminates torque on workpiece.
- With standard bar except 0 - 15mm, 0 - .6” 0 - 25mm, 0 - 1”, 0 - 300mm & 0 - 1.2” model
- Speedy spindle feed of 10mm/rev. (Quickmike type).
- Diameter of measuring disk: 20mm / .787”
- With Ratchet Stop for constant force.
- With SPC output (Series 369).
- Supplied in fitted plastic case

#### Technical Data
- Accuracy: Refer to the list of specifications.
- Resolution*: 0.001mm or .00005”/0.001mm
- Graduation**: 0.01mm or .001”
- Flatness: 1μm / .00004”
- Parallelism: 4μm / .00016” for models up to 50mm / 2”
- 6μm / .00024” for models over 50mm / 2”
- Measurable module: 0.5-6
- Display*: LCD
- Battery*: SR44 (1 pc.), 938882
- Battery life*: Approx. 1.2 years under normal use (1 year: Quickmike type, 3 years: Quickmike type with fine-loading)

**Series 227: Refer to page B-5 for more information.**

#### Function of Digital Model
- Digital models
- **Analog models

#### Optional Accessories for Digital Model
- 05CZA662: SPC cable with data switch (1m / 40”)
- 05CZA663: SPC cable with data switch (2m / 80”)
- 937387: SPC cable for Quickmike type (1m / 40”)
- 965013: SPC cable for Quickmike type (2m 80”)

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Metric</th>
<th>Digital model</th>
<th>Inch/Metric</th>
<th>Quickmike type</th>
<th>Inch/Metric with adjustable measuring force</th>
<th>Quickmike type with adjustable measuring force</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric</td>
<td>Resolution Order No.</td>
<td>Accuracy</td>
<td>Range</td>
<td>Resolution</td>
<td>Order No.</td>
</tr>
<tr>
<td>0 - 15mm</td>
<td>0.001mm 369-250</td>
<td>±4μm</td>
<td>0 - 25mm</td>
<td>0.0005” / 0.001mm 369-350</td>
<td>±0002”</td>
</tr>
<tr>
<td>25 - 50mm</td>
<td>0.001mm 369-251</td>
<td>±6μm</td>
<td>25 - 50mm</td>
<td>0.0005” / 0.001mm 369-351</td>
<td>±0002”</td>
</tr>
<tr>
<td>50 - 75mm</td>
<td>0.001mm 369-252</td>
<td>±6μm</td>
<td>50 - 75mm</td>
<td>0.0005” / 0.001mm 369-352</td>
<td>±0003”</td>
</tr>
<tr>
<td>75 - 100mm</td>
<td>0.001mm 369-253</td>
<td>±6μm</td>
<td>75 - 100mm</td>
<td>0.0005” / 0.001mm 369-353</td>
<td>±0003”</td>
</tr>
</tbody>
</table>

| Metric     | Resolution Order No. | Accuracy | Measuring force |
| 0 - 6” / 10 - 15”mm | 0.0005” / 0.001mm 227-231 | ±0002” | 0.5N - 2.5N |
|           |                   | ±0002” | 2N - 10N |

### Optional Accessories
- 05CZA662: SPC cable with data switch (1m / 40”)
- 05CZA663: SPC cable with data switch (2m / 80”)
- 937387: SPC cable for Quickmike type (1m / 40”)
- 965013: SPC cable for Quickmike type (2m 80”)