Stand

Theses are stands which can make precision measurement of work piece by mounting Dial Indicator or Digital Indicator. As to natural granite (micro-granite) base, its organization is fine particle and work piece slides smoothly without ringing. Stable and high flatness accuracy within 0.001mm / 200mm square is also characteristics. Please select referring to size of base or fine adjustment device from various lineup.

Granite Comparator Stand

• Natural micro-granite is used for all granite comparator stands.
• Flatness accuracy : within 0.001mm / 200mm square.
• Sliding smoothly and objects to be measured are not damaged. It is superior for anti-abrasion.
• The rigid granite base is free from burrs and pileups.
• It is easy for maintenance as base never suffers from rust.

For USG30~32, depending on the measuring device in use, the probe may not contact to the base surface since the effective movable range is 53mm or more. Use an extension rod or the like to extend.

Other combinations of specimen table and pole unit than the above chart are also possible. The specimen table is possible to be made up to 500x500mm according to the requested size.

Model | Type          | Specimen Table Size (AxBxC) (mm) | Height of Pole (C) (mm) | Movable Range (D) (mm) | Weight (Kg) |
--- | --- | --- | --- | --- | --- |
USG-10 | Standard | 100×150 | 175 | 0〜130 | 3.5 |
USG-14 | Standard | 150×200 | 240 | 0〜200 | 4.9 |
USG-18 | Standard | 150×200 | 240 | 0〜115 | 5.8 |
USG-20 | Fine Adjustment | 100×150 | 175 | 0〜115 | 3.5 |
USG-24 | Fine Adjustment | 150×200 | 240 | 0〜115 | 4.9 |
USG-28 | Fine Adjustment | 150×150 | 175 | 0〜180 | 5.8 |
USG-29 | Precision Fine Adjustment | 150×200 | 240 | 0〜200 | 6.0 |
USG-30 | Square Screw, Arm Slide | 150×200×50 | 53〜250 | φ8 | 7.3 |
USG-31 | Square Screw, Arm Slide | 200×250×50 | 53〜250 | φ8 | 10.5 |
USG-32 | Square Screw, Arm Slide | 250×250×50 | 53〜250 | φ8 | 12.5 |

Specifications

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Upright Stand

- This can be easily used by only mounting Dial Indicator for comparison measurement.
- This small stand is suitable for measuring small parts etc.

**US-16B**
- Specimen table size: 80 x 80mm
- Standard Type: Precision Grinding Cast Iron base
- Specifications:
  - Model: US-16B
  - Type: Standard Type
  - Specimen Table Size (mm): 80x80
  - Movable Range (mm): 0~140
  - Weight (kg): 3.4

**US-22B**
- Specimen table size: 80 x 80mm
- With fine adjustment device
- Precision Grinding Cast Iron base
- Specifications:
  - Model: US-22B
  - Type: With Micro-Motion Device
  - Specimen Table Size (mm): 80x80
  - Movable Range (mm): 0~110
  - Weight (kg): 3.5

**US-25**
- Specimen table size: 60mm
- With fine adjustment device
- 60mm Ceramics base
- Specifications:
  - Model: US-25
  - Type: Parallel Spring Type Precision Micro-Motion Device
  - Specimen Table Size (mm): 60
  - Movable Range (mm): 0~120
  - Weight (kg): 3.9

Holder Stand for Thickness Gauge

**FM-18**
- Specifications:
  - Model: FM-18
  - Size (mm): base φ92, height 86
  - Weight (g): 850
**Magnetic Base**

- Magnetic base can hold a measuring device such as dial indicator.
- Adaptor (internal diameter φ6mm) is supplied for holding test indicators on model : MB-1040 and MB-1050.
- MB-1040 / 1050 can also be fixed with dovetail of auto-clutch lever test.
- Dial indicator is mounted to MB-B with lug back and test indicator is clamped with stem. (It can not be clamped with dovetail).
- MB-1040 / 1050 can not be clamped with dovetail.

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Holding Power (N)</th>
<th>Mount Hole Diameter (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB-1040</td>
<td>One-touch, fine adjustment, small</td>
<td>320</td>
<td>6.0/8.0</td>
<td>0.5</td>
</tr>
<tr>
<td>MB-1050</td>
<td>One-touch, fine adjustment</td>
<td>800</td>
<td>6.0/8.0</td>
<td>1.4</td>
</tr>
<tr>
<td>MB-B</td>
<td>Standard</td>
<td>800</td>
<td>4.5/6.5</td>
<td>1.5</td>
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</tbody>
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