



PRECISION LEVEL

Precision Flat Level

| To measure... | | | |
|---------------|--------------|------------|-------------|
| Flatness | Straightness | Squareness | Parallelism |
| ⊙ | ○ | × | ○ |

Stock No.542AA
Grade AA (JIS) Traceability



Stock No.542A
Grade A (JIS) Traceability



Stock No.542 B
Grade B (JIS) Traceability



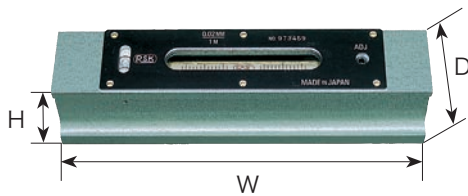
Work Measurement: Grade AA and Grade A

| SIZE | W × H × D (mm) | Sensitivity (mm/m) | Net Weight (kg) |
|------|----------------|--|-----------------|
| 150 | 150 × 45 × 49 | 0.02 (4") 0.05 (10") 0.1 (20") | 1.3 |
| 200 | 200 × 48 × 49 | | 1.7 |
| 250 | 250 × 48 × 49 | | 2.3 |
| 300 | 300 × 48 × 49 | | 2.8 |

Work Measurement: Grade B

| SIZE | W × H × D (mm) | Sensitivity (mm/m) | Net Weight (kg) |
|------|----------------|--|-----------------|
| 150 | 150 × 48 × 47 | 0.02 (4") 0.05 (10") 0.1 (20") | 1.3 |
| 200 | 200 × 48 × 47 | | 1.7 |
| 250 | 250 × 48 × 47 | | 2.3 |
| 300 | 300 × 48 × 47 | | 2.8 |

Stock No.542
Standard Type (NOT JIS standard) Traceability



Work Measurement: Standard type

| SIZE | W × H × D (mm) | Sensitivity (mm/m) | Net Weight (kg) |
|------|----------------|--|-----------------|
| 100 | 100 × 48 × 47 | 0.02 (4") 0.05 (10") 0.1 (20") | 0.8 |
| 150 | 150 × 48 × 47 | | 1.3 |
| 200 | 200 × 48 × 47 | | 1.7 |
| 250 | 250 × 48 × 47 | | 2.3 |
| 300 | 300 × 48 × 47 | | 2.8 |
| 450 | 450 × 52 × 50 | | 4.5 |
| 600 | 600 × 52 × 50 | | 6.0 |

- Grade AA, A and B are manufactured and inspected under the JIS B 7510 standard.
(See P5. for further information on each grade.)
- Grade AA has ±0.2 scale all range accuracy in the main bubble
- Grade AA and Grade A have an insulating material which prevents heat transferring.
- Grade AA and Grade A have a bubble chamber in which the length of the bubble is manually adjustable.



PRECISION LEVEL

| | Code Number | Size | Sensitivity | Net Weight (kg) |
|---------------|-------------|------|-------------|-----------------|
| Grade AA | 542-1502AA | 150 | 0.02 | 1.3 |
| | 542-2002AA | 200 | | 1.7 |
| | 542-2502AA | 250 | | 2.3 |
| | 542-3002AA | 300 | | 2.8 |
| | 542-1505AA | 150 | 0.05 | 1.3 |
| | 542-2005AA | 200 | | 1.7 |
| | 542-2505AA | 250 | | 2.3 |
| | 542-3005AA | 300 | | 2.8 |
| | 542-1501AA | 150 | 0.1 | 1.3 |
| | 542-2001AA | 200 | | 1.7 |
| | 542-2501AA | 250 | | 2.3 |
| | 542-3001AA | 300 | | 2.8 |
| Grade B | 542-1502A | 150 | 0.02 | 1.3 |
| | 542-2002A | 200 | | 1.7 |
| | 542-2502A | 250 | | 2.3 |
| | 542-3002A | 300 | | 2.8 |
| | 542-1505A | 150 | 0.05 | 1.3 |
| | 542-2005A | 200 | | 1.7 |
| | 542-2505A | 250 | | 2.3 |
| | 542-3005A | 300 | | 2.8 |
| | 542-1501A | 150 | 0.1 | 1.3 |
| | 542-2001A | 200 | | 1.7 |
| | 542-2501A | 250 | | 2.3 |
| | 542-3001A | 300 | | 2.8 |
| Grade A | 542-1502B | 150 | 0.02 | 1.3 |
| | 542-2002B | 200 | | 1.7 |
| | 542-2502B | 250 | | 2.3 |
| | 542-3002B | 300 | | 2.8 |
| | 542-1505B | 150 | 0.05 | 1.3 |
| | 542-2005B | 200 | | 1.7 |
| | 542-2505B | 250 | | 2.3 |
| | 542-3005B | 300 | | 2.8 |
| | 542-1501B | 150 | 0.1 | 1.3 |
| | 542-2001B | 200 | | 1.7 |
| | 542-2501B | 250 | | 2.3 |
| | 542-3001B | 300 | | 2.8 |
| Standard Type | 542-1002 | 100 | 0.02 | 0.8 |
| | 542-1502 | 150 | | 1.3 |
| | 542-2002 | 200 | | 1.7 |
| | 542-2502 | 250 | | 2.3 |
| | 542-3002 | 300 | | 2.8 |
| | 542-4502 | 450 | | 4.5 |
| | 542-6002 | 600 | 6.0 | |
| | 542-1005 | 100 | 0.05 | 0.8 |
| | 542-1505 | 150 | | 1.3 |
| | 542-2005 | 200 | | 1.7 |
| | 542-2505 | 250 | | 2.3 |
| | 542-3005 | 300 | | 2.8 |
| | 542-4505 | 450 | | 4.5 |
| | 542-6005 | 600 | 6.0 | |
| | 542-1001 | 100 | 0.1 | 0.8 |
| | 542-1501 | 150 | | 1.3 |
| | 542-2001 | 200 | | 1.7 |
| | 542-2501 | 250 | | 2.3 |
| 542-3001 | 300 | 2.8 | | |
| 542-4501 | 450 | 4.5 | | |
| 542-6001 | 600 | 6.0 | | |