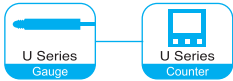
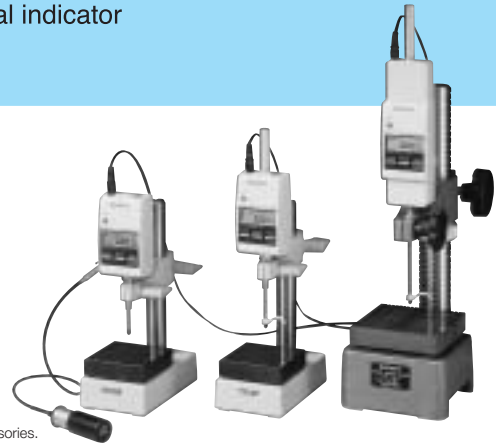


U

U Series

Easy to operate, high-accuracy digital indicator available in a wide measuring range.

- High accuracy: $\pm 1 \mu\text{m}$ (U12B/ 30B)
 $\pm 1.5 \mu\text{m}$ (U60B)
- High resolution: $1 \mu\text{m}$
- Measuring range: 0 to 60 mm / 0 to 2.36"
- Connectable to a personal computer through RS-232C interface.
- Peak hold for measuring max./ min./ peak-to-peak values
- The spindle contains a damper mechanism to protect measured objects from damage (U30B/ U60B).
- Inch/ metric display

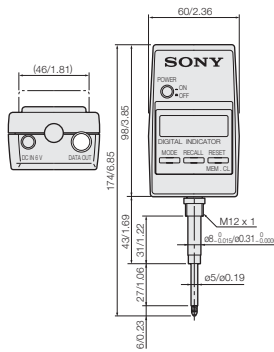


*The air release and the gauging stand are optional accessories.
*Set bushing DZ-811 is required to use U60B with gauging stand DZ-501.

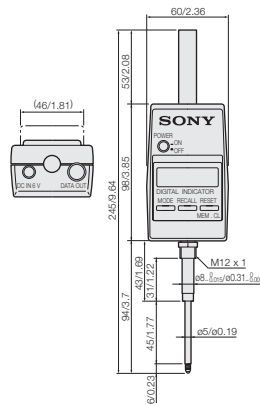
Digital Indicators

Dimensions

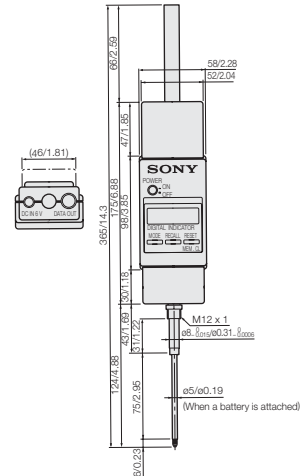
U12B



U30B



U60B



Unit : mm/inch

Specifications

| Model | U12B | U30B | U60B |
|--------------------------------|--|------------------------|-------------------------|
| Display | 6-digit LCD display, mode indication (leading zero suppress, floating minus sign) | | |
| Measuring range | 12 mm / 0.47" | 30 mm / 1.18" | 60 mm / 2.36" |
| Resolution | 1 μm | | |
| Accuracy (at 20 °C / 68 °F) | $\pm 1 \mu\text{m}$ | | |
| Reset | By key operation | | |
| Direction | Selectable | | |
| Peak hold function | Max./ min./ peak-to-peak values | | |
| Measuring force | 1.3 N or less | 1.5 N or less | 2.2 N or less |
| Travel length of the release*1 | Full stroke | Full stroke | 32mm |
| Maximum response speed | 24 m / min | | |
| Output signal | RS-232C (2400 bps) | | |
| Mounting stem diameter | $\phi 8_{-0.015}^{+0.031} \text{ mm} / \phi 0.31_{-0.0006}^{+0.012} \text{ inch}$ | | |
| Operating temperature/humidity | 0 °C to 40 °C / 32 °F to 104 °F (non condensing) | | |
| Storage temperature/humidity | -10 °C to 50 °C / 14 °F to 122 °F (non condensing) | | |
| Power supply | AC adaptor: AC 100V 50/60Hz | | |
| Feeler | Feeler tipped with 3 mm dia. carbide ball with M2.5p x 0.45 screw on fitting end (DZ123) | | |
| Supplied accessories | lift lever wrench | | |
| Mass | Approx.190 g / 6.7 oz | Approx.230 g / 8.11 oz | Approx.300 g / 10.58 oz |

*1 When air release DZ-173 (optional accessory) is activated