

U

U Series

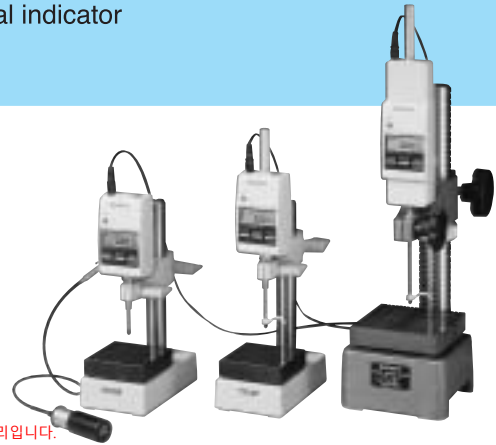
Easy to operate, high-accuracy digital indicator
available in a wide measuring range.

- 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



*공기 방출기(DZ173)와 측정 스탠드(DZ-501)는 옵션 액세서리입니다.

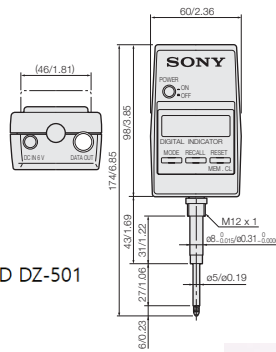
* U60B를 사용하려면 세트 부싱 DZ-811이 필요합니다



Digital Indicators

Dimensions

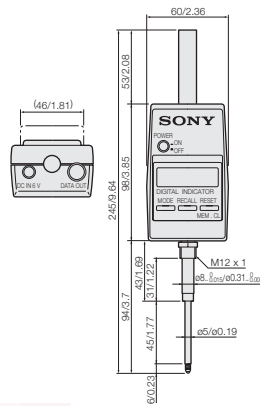
U12B



STAND DZ-501



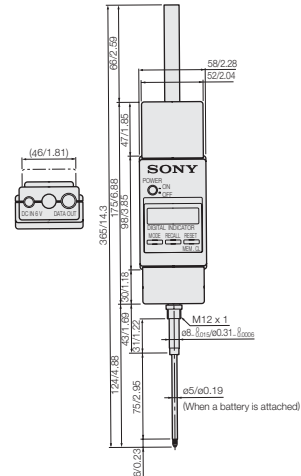
U30B



Air-Release-Dz173



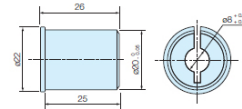
U60B



DZ-811 Bushing (for mounting a U60A or a DE30BR to a DZ-501 stand)



DZ123



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)	$\pm 1\mu\text{m}$		$\pm 1.5\mu\text{m}$
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	$\phi 8 \frac{0}{-0.015} \text{ mm} / \phi 0.31 \frac{0}{-0.006} \text{"$		
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