

U Series

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

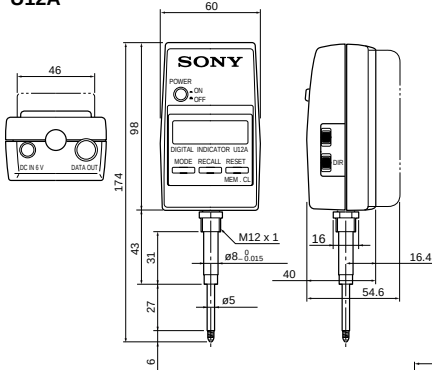
- High accuracy: $\pm 1 \mu\text{m}$ (U12A/ 30A)
 $\pm 1.5 \mu\text{m}$ (U60A)
- High resolution: $1 \mu\text{m}$
- Measuring range: 0 to 60 mm / 0 to 2.36"
- Connectable to a personal computer through RS-232C interface.
- Peak hold for measuring max./ min./ peak-to-peak values
- Power supply by AC adaptor or battery pack
- The spindle contains a damper mechanism to protect measured objects from damage (U30A/ U60A).
- Inch/ metric display

Specifications

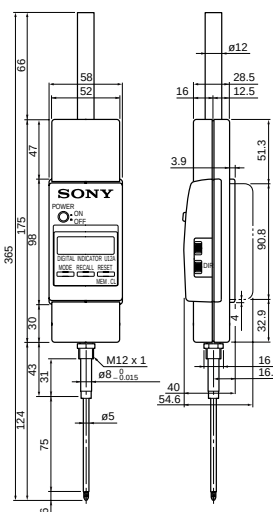
Model	U12A	U30A	U60A
Display technology	6-digit LCD display, mode indication (leading zero suppress, floating minus sign)		
Measuring range	12 mm/ 0.47"	30 mm/ 1.18"	60 mm/ 2.36"
Resolution	1 μm		
Accuracy (at 20 °C / 68 °F)	$\pm 1 \mu\text{m}$		$\pm 1.5 \mu\text{m}$
Reset	By key operation		
Direction	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
Max. response speed	24 m/min		
Output signal	RS-232C (2400 bps)		
Mounting stem diameter	$\phi 8 \begin{smallmatrix} 0 \\ -0.015 \end{smallmatrix} \text{ mm}$		
Operating temperature	0 °C to 40 °C / 32 °F to 104 °F		
Storage temperature	-10 °C to 50 °C / 14 °F to 122 °F		
Power supply	Use Sony AC adaptor (6V DC) or rechargeable battery		
Feeler	Feeler tipped with 3 mm dia. carbide ball with M2.5 x 0.45 screw on fitting end (DZ123)		
Supplied accessories	AC adaptor, lift lever		
Mass	190 g / 6.7 oz	220 g / 7.8 oz	310 g / 10.9 oz

Dimensions

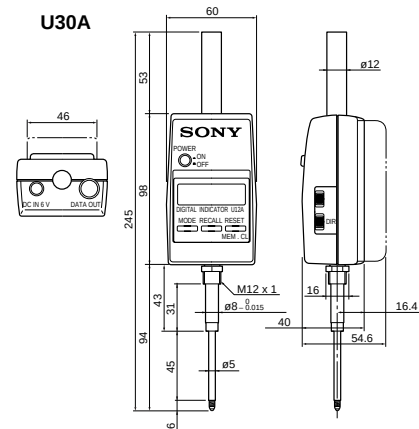
U12A



U60A



U30A



Unit : mm

