

Key Press Test Jig

Similar to the keyboard compression test jig, the key press test jig is for compression testing keys. It differs in that the compression plate material is silicon rubber and the plate diameter is smaller, 3 mm (0.12 in). This smaller size enables this jig to be used to test keys on a range of smaller electronic devices, such as mobile phones and calculators.

The key press test jig is available both as a set and a kit. The set includes the upper plate, a compression and bending loading jig, and a specimen fixing plate. The kit, in addition to the upper plate and compression and bending loading jig, includes a stage and vice set for clamping the specimen.

Due to the inclusion of a compression and bending loading jig in both the key press test jig set and kit, each set or kit should be ordered according to the capacity and type of load cell to which it will be mounted. Compatible load cells are AG-X plus series and AGS-X series 50 N (11 lbf) to 10 kN (2,200 lbf) capacity load cells.



Relevant Materials

Electronics

Operation

The specimen is placed on the vice stage or the specimen fixing plate and the part to be tested is aligned with the upper plate. The vice is closed or the specimen is attached to the plate, securing the specimen for testing.

Specification

Maximum Capacity			Applicable Specimen Size		Upper Plate Diameter	Temperature Range	Upper Plate Mass
			Length	Width			
N	kgf	lbf	mm (in)	mm (in)	mm (in)	°C (°F)	kg (lb)
Key Press Test Jig Set							
100	10	22	0 to 200 (0 to 7.9)	0 to 75 (0 to 3.0)	3 (0.12)	0 to 40 (32 to 104)	0.050 (0.110)
Key Press Test Jig Kit							
100	10	22	0 to 200 (0 to 7.9)	-	3 (0.12)	0 to 40 (32 to 104)	0.050 (0.110)

Ordering Information

P/N	Description
Key Press Test Jig Set	
Includes: key press test jig, compression and bending loading jig, and specimen fixing plate	
346-53926-27	Key press test jig set for AG-X plus series 10 kN load cells
346-53926-28	Key press test jig set for AG-X plus series 50 N to 5 kN load cells
346-53926-77	Key press test jig set for AGS-X series 10 kN load cells
346-53926-78	Key press test jig set for AGS-X series 500 N to 5 kN load cells
346-53926-83	Key press test jig set for AGS-X series 50 N and 100 N load cells
Key Press Test Jig Kit	
Includes: key press test jig, compression and bending loading jig, and stage and vice set	
346-53926-07	Key press test jig kit for AG-X plus series 10 kN load cells
346-53926-08	Key press test jig kit for AG-X plus series 50 N to 5 kN load cells
346-53926-57	Key press test jig kit for AGS-X series 10 kN load cells
346-53926-58	Key press test jig kit for AGS-X series 500 N to 5 kN load cells
346-53926-63	Key press test jig kit for AGS-X series 50 N and 100 N load cells

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