

## 137-KST1 Spring Tester



**KST1-C for Compression Springs**

**KST1-T for Tension Springs**

**KST1 package includes:**

- LV-220S test stand with distance meter
- DPS Digital Force gauge (specify range)
- AA-55 Flat head (top, for compression tests)
- or A-1 Small hook (bottom, for tension tests)
- Maximum load 220 lbs. (100 kg)
- Stroke 2"
- Maximum clearance 5" (or 10" with optional extender plate)

Model KST1 offers the rapid action of a lever test stand. KST1 is equipped with a digital distance meter and can be configured to measure either compression or tension. Imada DPS force gauges are available in capacities of a few ounces up to 220 lbs.

**For a complete list of attachments, see [Special Attachments](#)**



AA-55 Flat head



A-1 Small hook

### Distance Meter Specifications

<b>Display</b>	Push button for inch/mm, zero set and on/off
<b>Resolution</b>	0.0005"/0.01 mm
<b>Accuracy</b>	0.1% of reading or 0.005"/0.1mm, whichever is greater
<b>Stroke</b>	2"

**KST1 Ranges (Resolution)**

Model	Capacity (Resolution)		
	Pounds Ounces	Kilograms Grams	Newtons
<b>KST1-0.5</b>	8.819 oz (0.001 oz)	250.0 g (0.1 g)	2.452 N (0.001 N)
<b>KST1-1</b>	17.64 oz (0.01 oz)	500.0 g (0.1 g)	4.903 N (0.001 N)
<b>KST1-4</b>	4.409 lb. (0.001 lb.)	2.000 kg (0.001 kg)	19.61 N (0.01 N)
<b>KST1-11</b>	11.02 lb. (0.01 lb.)	5.000 kg (0.001 kg)	49.03 N (0.01 N)
<b>KST1-44</b>	44.09 lb. (0.01 lb.)	20.00 kg (0.01 kg)	196.1 N (0.1 N)
<b>KST1-110</b>	110.2 lb. (0.1 lb.)	50.00 kg (0.01 kg)	490.3 N (0.1 N)
<b>KST1-220</b>	220.5 lb. (0.1 lb.)	100.0 kg (0.1 kg)	980 N (0.1 N)