



# FORCE GAUGE

100 Kg

Model : FG-100KG

ISO-9001, CE, IEC1010



## FEATURES

- \* Tension & compression capability.
- \* 100 Kg, wide capacity, high resolution, high accuracy and high repeatability.
- \* 3 kind display unit, Kg/LB/Newton.
- \* Separate sensor.
- \* Peak hold ( Max. load ) can be held in display during make tension or compression measurement.
- \* Zero button can operate both for normal measuring & the peak hold operation.
- \* Full capacity zero (tare) control.
- \* Fast/Slow response time select.
- \* Positive or reverse display direction select.
- \* Hand held & stand mounting available.
- \* Low power consumption gives long battery life.
- \* Microprocessor circuit & exclusive load cell transducer.
- \* Over load protection.

**Lutron**

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***The Art of Measurement***

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Model : FG-100KG



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* Tension & compression capability .	* Full capacity zero (tare) control capability.
* 100 Kg, wide capacity, high resolution, high accuracy, high repeatability.	* Fast/Slow response time push button.
* 3 kind display unit, Kg/LB/Newton.	* Positive or reverse display direction select.
* Separate sensor.	* Hand held & stand mounting available.
* Peak hold ( Max. load ) can be held in display during make tension or compression measurement.	* Low power consumption gives long battery life.
* Zero button can operate both for normal measuring & the " peak hold " operation.	* Build in low battery indicator.
	* Microprocessor circuit & exclusive load cell transducer.
	* Over load protection.

SPECIFICATIONS				
Display	LCD ( Liquid crystal display ). 5 digits, 10 mm ( 0.4" ) digit size.		Circuit	Exclusive microprocessor LSI-circuit.
Display	Positive or Reverse direction, select by		Sensor type	S type load cell.
Direction	the push button on the front panel.		Power Supply	6 x 1.5 V AA (UM-3) size battery or DC 9V adapter (not included).
Function	Tension & Compression (Push & Pull). Normal force, Peak hold ( Max. load ).		Power Consumption	Approx. DC 24 mA
Peak hold	Will freeze the display value of the Peak load ( Max. load ).		Operating Temperature	0 to 50 °C ( 32 to 122 °F ).
Zero	Zero button can be operated both for "normal force" or "peak hold" operation		Operating Humidity	Less than 80% RH.
Unit select	Kg/LB/Newton		Dimension	<i>Main instrument :</i> 227 x 83 x 39 mm ( 8.9 x 3.3 x 1.5 inch ). <i>Sensors with two hooks :</i> 130 x 51 x 18 mm ( 4.7 x 2.0 x 0.7 inch ). <i>Cable length :</i> 2 meters.
Measure Capacity	100 Kg/220 LB/980 Newton.		Weight	<i>Main instrument :</i> 450 g ( 0.99 LB ).
Resolution	0.10 Kg/0.20 LB/1.0 Newton.			<i>Sensors</i> 380 g ( 0.84 LB ).
Min. Display	Kg/ LB/ Newton.		Mounting Holes	Main instrument with mounting holes are provided on the back case, easy stand mounting.
Accuracy	± (0.5 % + 2 digits), within 23 ± 5 °C. under the test weight on 100 Kg & 10 Kg.			Accessories Included
Update time	Fast	Approx. 0.2 second.		
	Slow	Approx. 0.6 second.		
Over range Indicator	Display show " - - - - " when in over range status.			
Overload Capacity	Max. 150 kg.			
Sensor full Scale Deflection	Approx. 1 mm max.			
Zero/tare Control	Max. full capacity.			

\* Appearance and specifications listed in this brochure are subject to change without notice.

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