100 Kg, tension & compression

FORCE GAUGE

Model: FG-5100 *ISO-9001, CE, IEC1010*





FEATURES

- * 100 Kg, Kg/LB/Newton.
- * Tension or Compression, Peak hold, Zero.
- * Positive/ Reverse display.
- * 5 digits LCD with back light.
- * RS-232 computer interface.
- * Optional accessories:
 USB cable, RS232 cable,
 Software for data logging
 and recorder,
- * DC 1.5V battery (UM-3, AA) x 6 or DC 9V adapter in.



LUTRON ELECTRONIC





100 Kg x 0.05 Kg, Kg/LB/Newton, R\$232

FORCE GAUGE

Model : FG-5100

FEATURES

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* Large LCD display with back light.		
* Tension & compression capability .		
* 100 Kg, wide capacity, high resolution, high accuracy,		
high repeatability.		
* 3 kind display unit, Kg/LB/Newton.		
* Seperate 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 capability.		
* Fast/Slow response time push button.		
* Positive or reverse display direction select.		
* Over load protection.		
* Hand held & stand mounting available.		
* Low power consumption gives long battery life.		
* Build in low battery indicator.		
* Microprocessor circuit & exclusive load cell transducer.		
* RS-232 computer interface .		
* Power supply built-in DC 9V adapter input socket.		

SPECIFICATIONS

Display	LCD (Liquid crystal display).
	5 digits, 16 mm (0.63") digit size.
	Back light.
Display	Positive or Reverse direction, select by
Direction	the push button on the front panel.
Function	Tension & Compression (Push & Pull).
	Normal force, Peak hold (Max. load).
Peak hold	Will freeze the display value of the
	Peak load (Max. load).
Zero	Zero button can be operated both for
	"normal force" or "peak hold" operation
Unit select	Kg/LB/Newton
Measure	100 Kg/220 LB/980 Newton.
Capacity	
Resolution	0.05 Kg/0.05 LB/0.2 Newton.
Min. Display	0.15 Kg/0.35 LB/1.4 Newton.
Accuracy	\pm (0.5 % + 2 digits), within 23± 5°C.
	* Under the test weight on 100 Kg & 10 Kg.
Data output	RS-232 serial computer interface.

Slow Approx. 0.6 second. Over range Display show " " when in over range status. Overload Max. 150 kg. Capacity Full Scale Less than 1 mm. Deflection Zero/tare Max. full capacity. Control Circuit Exclusive microprocessor LSI-circuit. Sensor type S type load cell. Power Supply 6 x 1.5 V AA (UM-3) size battery or DC 9V adapter (not included). Approx. DC 28 mA Consumption Operating Dess than 80% RH. Humidity Dimension Main instrument: 215 x 90 x 45 mm (8.5 x 3.5 x 1.8 inch). Sensors with two hooks: 130 x 51 x 18 mm (4.7 x 2.0 x 0.7 inch). Cable length: 2 meters. Weight Main instrument: 450 g (0.99 LB). Sensors: 380 g (0.84 LB). Mounting Main instrument with mounting holes are		
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Indicator Overload Max. 150 kg. Capacity Full Scale Deflection Zero/tare Control Circuit Exclusive microprocessor LSI-circuit. Sensor type S type load cell. Power Supply or DC 9V adapter (not included). Approx. DC 28 mA Consumption Operating Humidity Dimension Main instrument: 215 x 90 x 45 mm (8.5 x 3.5 x 1.8 inch). Sensors with two hooks: 130 x 51 x 18 mm (4.7 x 2.0 x 0.7 inch). Cable length: 2 meters. Weight Main instrument with mounting holes are provided on the back case, easy stand mounting. Accessories Operating manual		Slow Approx. 0.6 second.
Overload Capacity Full Scale Deflection Zero/tare Control Circuit Exclusive microprocessor LSI-circuit. Sensor type S type load cell. Power Supply O'C to 50'C (32"F to 122"F). Temperature Operating Humidity Dimension Main instrument: 215 x 90 x 45 mm (8.5 x 3.5 x 1.8 inch). Sensors with two hooks: 130 x 51 x 18 mm (4.7 x 2.0 x 0.7 inch). Cable length: 2 meters. Weight Main instrument with mounting holes are provided on the back case, easy stand mounting. Accessories Included Optional Accessories Accessories Accessories Pull Sess than 1 mm. Max. 150 kg. Less than 1 mm. May. full capacity. Caple July 3 size battery or DC 9V adapter (not included). Approx. DC 28 mA Consumption Approx. DC 28 mA Consumption Approx. DC 28 mA Cossories (32"F to 122"F). Temperature Operating Less than 80% RH. Main instrument: 215 x 90 x 45 mm (8.5 x 3.5 x 1.8 inch). Sensors with two hooks: 130 x 51 x 18 mm (4.7 x 2.0 x 0.7 inch). Cable length: 2 meters. Weight Main instrument: 450 g (0.99 LB). Sensors: 380 g (0.84 LB). Mounting Holes Provided on the back case, easy stand mounting. Accessories Operating manual	Over range	Display show " " when in over
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Full Scale Deflection Zero/tare Max. full capacity. Control Circuit Exclusive microprocessor LSI-circuit. Sensor type S type load cell. Power Supply Or DC 9V adapter (not included). Power Approx. DC 28 mA Consumption Operating Temperature Operating Humidity Dimension Main instrument: 215 x 90 x 45 mm (8.5 x 3.5 x 1.8 inch). Sensors with two hooks: 130 x 51 x 18 mm (4.7 x 2.0 x 0.7 inch). Cable length: 2 meters. Weight Main instrument with mounting holes are provided on the back case, easy stand mounting. Accessories Included Operating Accessories Operating Operating Less than 80% RH. Humidity Main instrument: 450 g (0.99 LB). Sensors: 380 g (0.84 LB). Mounting Accessories Operating manual	Overload	Max. 150 kg.
Deflection Zero/tare Control Zero/tare Control Max. full capacity. Exclusive microprocessor LSI-circuit. Sensor type S type load cell. Power Supply Or DC 9V adapter (not included). Power Approx. DC 28 mA Consumption Operating Operating Temperature Operating Humidity Dimension Main instrument: 215 x 90 x 45 mm (8.5 x 3.5 x 1.8 inch). Sensors with two hooks: 130 x 51 x 18 mm (4.7 x 2.0 x 0.7 inch). Cable length: 2 meters. Weight Main instrument: 450 g (0.99 LB). Sensors: 380 g (0.84 LB). Mounting Holes Provided on the back case, easy stand mounting. Accessories Operating manual	Capacity	
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Control Circuit Exclusive microprocessor LSI-circuit. Sensor type S type load cell. 6 x 1.5 V AA (UM-3) size battery or DC 9V adapter (not included). Power Approx. DC 28 mA Consumption Operating O°C to 50°C (32°F to 122°F). Temperature Operating Less than 80% RH. Humidity Dimension Main instrument: 215 x 90 x 45 mm (8.5 x 3.5 x 1.8 inch). Sensors with two hooks: 130 x 51 x 18 mm (4.7 x 2.0 x 0.7 inch). Cable length: 2 meters. Weight Main instrument: 450 g (0.99 LB). Sensors: 380 g (0.84 LB). Mounting Main instrument with mounting holes are provided on the back case, easy stand mounting. Accessories Operating manual	Deflection	
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Holes provided on the back case, easy stand mounting. Accessories Operating manual		380 g (0.84 LB).
mounting. Accessories Operating manual	Mounting	Main instrument with mounting holes are
Accessories Operating manual	Holes	provided on the back case, easy stand
Included 100 Kg sensor with 2 hooks and 2 meter cable		mounting.
2 meter cable	Accessories	Operating manual1 PC.
Hard carrying case	Included	100 Kg sensor with 2 hooks and
Optional * RS232 cable, Model : UPCB-01 * USB cable, Model : USB-01 * Software for data logging & data recorder,		2 meter cable 1 PC.
* USB cable, Model : USB-01 * Software for data logging & data recorder,		Hard carrying case1 PC.
* Software for data logging & data recorder,	Optional	* RS232 cable, Model : UPCB-01
recorder,	Accessories	* USB cable, Model : USB-01
		* Software for data logging & data
Model : SW-U801-WIN.		recorder,
		Model: SW-U801-WIN.

^{*} Appearance and specifications listed in this brochure are subject to change without notice.