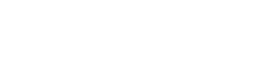
100 Kg, tension & compression FORCE GAUGE

Model : FG-5100

LUTRON ELECTRONIC

ISO-9001, CE, IEC1010





The Art of Measurement

100 Kg x 0.05 Kg, Kg/LB/Newton, RS232 **FORCE GAUGE** Model : FG-5100

FEATURES

FEATURES			
* Large LCD display with back light. Update time			
* Tension & o		0	
* 100 Kg, wid	Over range	[
high repeat	Indicator	r	
* 3 kind display unit, Kg/LB/Newton.		Overload	ſ
* Seperate sensor.		Capacity	
* Peak hold (Full Scale	I	
make tensi	Deflection		
* Zero buttor	Zero/tare	ſ	
& the " pea	Control		
* Full capacit	Circuit	ł	
* Fast/Slow r	Sensor type	\$	
* Positive or	Power Supply	Ċ	
* Over load p		C	
* Hand held & stand mounting available.		Power	/
* Low power	Consumption	<u> </u>	
* Build in low battery indicator.		Operating	0
* Microprocessor circuit & exclusive load cell transducer.		Temperature	
* RS-232 computer interface .		Operating	I
* Power supply built-in DC 9V adapter input socket.		Humidity	
		Dimension	/
		J	1
SPECIFICAT	IONS		
Display	LCD (Liquid crystal display).		Ĺ
	5 digits, 16 mm(0.63")digit size.		
	Back light.		1
Display	Positive or Reverse direction, select by	Weight	,
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	Mounting	I
	Peak load (Max. load).	Holes	
Zero	Zero button can be operated both for		r
	"normal force" or "peak hold" operation	Accessories	(
Unit select	Kg/LB/Newton	Included	-
1		1 1	

Update time	Fast Approx. 0.2 second.	
	Slow Approx. 0.6 second.	
Over range	Display show " " when in over	
Indicator	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).	
Power	Approx. DC 28 mA	
Consumption		
Operating	0℃ to 50℃(32°F to 122°F).	
Temperature		
Operating	Less than 80% RH.	
Humidity		
Dimension	Main instrument :	
Dimension	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 :	
weigin	450 g (0.99 LB).	
	Sensors :	
Mounting	380 g (0.84 LB).	
Mounting	Main instrument with mounting holes are	
Holes	provided on the back case, easy stand	
A	mounting.	
Accessories	Operating manual 1 PC.	
Included	100 Kg sensor with 2 hooks and	
	2 meter cable 1 PC.	
	Hard carrying case 1 PC.	
Optional	* RS232 cable, Model : UPCB-01	
Accessories	* USB cable, Model : USB-01	
	* Software for data logging & data	
	recorder,	
notice	Model : SW-U801-WIN.	

RS-232 serial computer interface. * Appearance and specifications listed in this brochure are subject to change without notice.

 \pm (0.5 % + 2 digits), within 23 \pm 5°C.

* Under the test weight on 100 Kg & 10 Kg.

100 Kg/220 LB/980 Newton.

0.05 Kg/0.05 LB/0.2 Newton.

0.15 Kg/0.35 LB/1.4 Newton.

Measure Capacity Resolution

Min. Display

Data output

Accuracy