



100 Kg FORCE GAUGE, Model : FG-100KG

FEATURES

* Tension & compression capability .	* Fast/Slow response time push button.
* 100 Kg, wide capacity, high resolution, high accuracy, high repeatability.	* Positive or reverse display direction select.
* 3 kind display unit, Kg/LB/Newton.	* Hand held & stand mounting available.
* Seperate sensor.	* Low power consumption gives long battery life.
* Peak hold (Max. load) can be held in display during make tension or compression measurement.	* Build in low battery indicator.
* Zero button can operate both for normal measuring & the " peak hold " operation.	* Microprocessor circuit & exclusive load cell transducer.
* Full capacity zero (tare) control capability.	* Over load protection.
	* RS-232 computer interface (optional).

SPECIFICATIONS

Display	LCD (Liquid crystal display). 5 digits, 10 mm (0.4") digit size.	Sensor type	S type load cell.
Display Direction	Positive or Reverse direction, select by 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	Approx. DC 24 mA
Peak hold	Will freeze the display value of the Peak load (Max. load).	Consumption	Operating
Zero	Zero button can be operated both for "normal force" or "peak hold" operation	Temperature	0°C to 50°C (32°F to 122°F).
Unit select	Kg/LB/Newton	Humidity	Operating
Measure Capacity	100 Kg/220 LB/980 Newton.	Dimension	Less than 80% RH.
Resolution	0.10 Kg/0.20 LB/1.0 Newton.	Main instrument : 227 x 83 x 39 mm (8.9 x 3.3 x 1.5 inch). Sensors with two hooks : 130 x 51 x 18 mm (4.7 x 2.0 x 0.7 inch). Cable length : 2 meters.	
Min. Display	Kg/ LB/ Newton.		
Accuracy	± (0.5 % + 2 digits), within 23°C ± 5°C. under the test weight on 100 Kg & 10 Kg.		Weight
Update time	Fast Approx. 0.2 second. Slow Approx. 0.6 second.	Mounting Holes	Main instrument with mounting holes are provided on the back case, easy stand mounting.
Over range Indicator	Display show " - - - - " when in over range status.	Data output	Optional, RS-232 serial computer interface
Overload Capacity	Max. 150 kg.	Accessories Included	Operating manual 1 PC. Sensor with 2 hooks and 2 meter cable..... 1 PC. Carrying case 1 PC.
Sensor full Scale Deflection	Approx. 1 mm max.		
Zero/tare Control	Max. full capacity.		
Circuit	Exclusive microprocessor LSI-circuit.		

100 Kg FORCE GAUGE with RS-232 COMPUTER INTERFACE

FG100KG-RS232	All the function are same as the FG-100KG but with RS-232 computer interface.
SW-U801-WIN	Software for data logging & data recorder.
UPCB-04	RS232 cable (Double femal D9 RS232 cable) available for FG100KG-232