

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.

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The Art of Measurement

100 Kg FORCE GAUGE

Model : FG-100KG

| FEATURES | |
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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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