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## MODELS FG-5000A/-5100

**A portable device that provides readings of tension (push) and/or compression (pull).**

- Switchable from ounces to grams to Newtons
- Instantly recalls "Peak Load" (maximum load) and average readings
- Microprocessor assures  $\pm 0.2\%$  accuracy and fast 0.2 second update time
- Exclusive load cell provides wide measuring range with overload capacity of 200% f.s.
- 100% Zero/Tare control enables maximum pre-load to be stored in the memory
- Large 5-digit LCD display is reversible, making it easy to read whether hand held or test stand mounted
- Holes are provided on the back of the meter case to facilitate test stand mounting
- Auto Power Off minimizes power consumption and saves battery life
- Complete with hook adapter for tension, plus flat head, cone head, and chisel head adapters for compression, 5" (120mm) extension rod, manual and carrying case



### Model FG-5100:

- Separate 100 kg load cell sensors with two hooks and 2m cable
- RS-232 serial interface



Capacity: **FG-5000A:** 5000 g/176 oz/49 N;  
**FG-5100:** 100 kg/220 lb/980 N  
 Resolution: **FG-5000A:** 1 g/0.05 oz/0.01 N;  
**FG-5100:** 0.05 kg/0.05 lb/0.02 N  
 Accuracy: **FG-5000A:**  $\pm 0.4\%$  + 1 digit;  
**FG-5100:**  $\pm 0.5\%$  + 2 digits  
 Overload Capacity: **FG-5000A:** 30 kg;  
**FG-5100:** 150 kg  
 Full Scale Deflection: **FG-5000A:** 0.4mm;  
**FG-5100:** <1mm  
 Power Supply: 6 x 1.5V "AA" batteries or 9Vdc adapter  
 Dimensions: **FG-5000A:** 227 x 83 x 39mm;  
**FG-5100:** 215 x 90 x 45mm;  
 Sensor: 130 x 51 x 18mm  
 Weight: **FG-5000A:** 551g;  
**FG-5100:** 450g; Sensor: 380g



**FG-5000A**  
**FG-5100**

**Force Gauge, 5000 g**  
**Force Gauge, 100 kg**