



## Digital Force Gauge FG-104

### Product Descriptions

The digital force gauge is a kind of simple and convenient multifunctional instrument for high-accuracy push force and pull force test. It is widely used in electronics, building hardware, textile, auto parts, ignition device such as lighter, fire fighting equipment, pen manufacturing, lock manufacturing, fishing gear, chemical, power machinery, scientific research and other industries. For the push and pull load test, plug and unplug force test and destructive test etc.

### Product Features

- High accuracy and high resolution. Digital display with no guessing or errors.
- With 4 measurement unit for selection and conversion, N, kg, lb, g.
- With peak value hold function.
- With 10 minutes auto power off and manual power off.
- Power can be supplied by either alkaline battery or 6V DC power.



### Product Specifications

| Model                | FG-104-1K                                      | FG-104-2K | FG-104-5K | FG-104-10K | FG-104-20K | FG-104-50K | FG-104-100K |
|----------------------|--|-----------|-----------|------------|------------|------------|-------------|
| Force Range          | ±1kgf  | ±2kgf     | ±5kgf     | ±10kgf     | ±20kgf     | ±50kgf     | ±100kgf     |
|                      | ±1000gf  | ±2000gf   | ±5000gf   |            |            |            |             |
|                      | ±9.8N  | ±19.6N    | ±49N      | ±98N       | ±196N      | ±490N      | ±980N       |
|                      | ±2.2Lbf  | ±4.4Lbf   | ±11Lbf    | ±22Lbf     | ±44Lbf     | ±110Lbf    | ±220Lbf     |
| Resolution           | 0.001kgf                                       | 0.001kgf  | 0.001kgf  | 0.001kgf   | 0.01kgf    | 0.01kgf    | 0.01kgf     |
|                      | 1gf  | 1gf       | 1gf       |            |            |            |             |
|                      | 0.01N  | 0.01N     | 0.01N     | 0.01N      | 0.1N       | 0.1N       | 0.1N        |
|                      | 0.001Lbf                                       | 0.001Lbf  | 0.01Lbf   | 0.01Lbf    | 0.01Lbf    | 0.1Lbf     | 0.1Lbf      |
| Accuracy             | ± 0.5%FS ± 1Digit                              |           |           |            |            |            |             |
| Unit                 | kgf, gf, N, Lbf                                |           |           |            |            |            |             |
| Measurement State    | Peak Value Measurement, Real Time Measurement  |           |           |            |            |            |             |
| Display              | 2 Reversed 4 Digit Lcd                         |           |           |            |            |            |             |
| Power Off            | 10 Minutes Auto Power Off, Manual Power Off    |           |           |            |            |            |             |
| Backlight            | Blue Backlight                                 |           |           |            |            |            |             |
| Safe Load            | 150%FS (Buzzer Alarm Over 110%FS)              |           |           |            |            |            |             |
| Power Supply         | 2x1.5 AA(UM-3) Battery or 6V DC Power Supply   |           |           |            |            |            |             |
| Operating Conditions | Temperature: 0~40°C                            |           |           |            |            |            |             |
|                      | Humidity: <80%                                 |           |           |            |            |            |             |
| Surrounding          | No Vibration Source or Corrosive Medium Around |           |           |            |            |            |             |
| Weight               | 390g   |           |           |            |            |            |             |
| Size                 | 211x80x36mm                                    |           |           |            |            |            |             |