Digital Force Gauge

FM-204-100K

Model: FM-204-100K

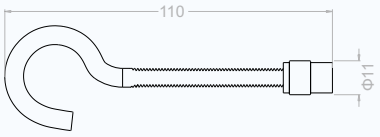
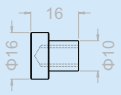
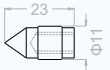
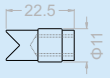
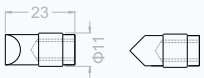
Applications

The digital force gauge is a kind of simple and convenient functional 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 institutions and other industries.

Features

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

Specification And Application Of Accessories

Accessory	Structure Diagram	Applications
Pulling Hook (Big)		To hang tested objects when testing pulling force.
Flat Tip		To test thrust of flat surface or convex surface.
Cone Tip		To test thrust of flat surface, concave surface or circular hole.
V-shaped Groove Tip		To test thrust of cylindrical surface or the edge of perpendicular planes.
V-shaped Wedge Tip		To test thrust of flat surface or groove surface.

Specifications

Model	FM-204-100K
Force Range	±100kgf
	±980N
	±220Lbf
Resolution	0.01kgf
	0.1N
	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 6VDC Power Supply
Operating	Temperature: 0~40°C
Conditions	Humidity: <80%
Surrounding	No Vibration Source or Corrosive Medium Around
Weight	390 g
Size	211x80x36 mm

Accessories

Standard Accessories	Digital Force Gauge
	Pulling Hook (Big)
	Flat Tip
	Cone Tip
	V-shaped Groove Tip
	V-shaped Wedge Tip
	Manual
	Carrying Case
Optional Accessories	Power Adapter