

## Force Meter DB25-207FM

### Product Descriptions

The 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 data memory function, can memorize 99 groups of data.
- With data output function. Measurement data can be transmitted to computer by USB cable or Bluetooth adapter for various analysis.
- With 10 minutes auto power off and manual power off.
- Power can be supplied by either alkaline battery or 5V DC power.



### Product Specifications

Model	DB25-207FM-10N	DB25-207FM-20N	DB25-207FM-50N	DB25-207FM-100N	DB25-207FM-200N	DB25-207FM-500N
Force Range	±1kgf	±2kgf	±5kgf	±10kgf	±20kgf	±50kgf
	±1000gf	±2000gf	±5000gf	±10000gf	±20000gf	±50000gf
	±9.8N	±19.6N	±49N	±98N	±196N	±490N
	±2.2Lbf	±4.4Lbf	±11Lbf	±22Lbf	±44Lbf	±110Lbf
Resolution	0.001kgf	0.001kgf	0.001kgf	0.001kgf	0.01kgf	0.01kgf
	1gf	1gf	1gf			
	0.01N	0.01N	0.01N	0.01N	0.1N	0.1N
	0.001Lbf	0.001Lbf	0.01Lbf	0.01Lbf	0.01Lbf	0.1Lbf
Accuracy	± 0.2%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)					
Data Output	USB, Bluetooth					
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					
Size	199*76*37mm					