Metrix+™
Innovative Excellence

DIGITAL FORCE GAUGE

DFG MS 01D

Measure muscle strength

Measuring principle

Force gauges use force sensor, or load cells, which converts mechanical force to electrical signal to measure the force applied. The applied force can be a push or pull, tensile or compressive strain, which outputs the relevant electric signal, to estimate force.

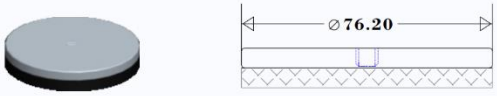
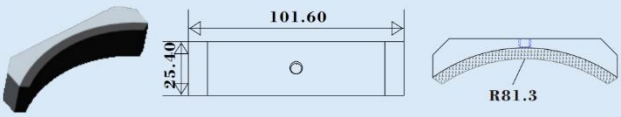
Applications

Force gauges are useful in any application where force measurement is important. This can be used to measure the strength of muscles using push force. It is useful in physical therapy, medical examinations, gyms, etc.

Features

- Included padded circular attachment
- 2 reversed backlit LCD for easy readability
- Data storage and Max data hold
- Convertible measurement units: N, kg, lb
- Battery or external power supply



Accessory	Structure Diagram
padded attachment, circular(standard)	
padded attachment, curved(Optional)	

Technical Specifications

Model	*Metrix+* DFG MS 01D
Range	50kgf/ 490N/ 110Lbf
Resolution	0.01kgf/ 0.1N
Measuring accessories	Handspike, instrument stents, 4 x M3*18 screws, circular padded attachment
Accuracy	±0.5% FS ±1 digit
Units	Kgf, N, lbf
Display	2 reversed backlit display for convenient readability
Safe load	150% FS (buzzer alarm over 110% FS)
Power	2 x 1.5V AA batteries or 5V DC power supply
Features	Max hold, data storage, backlit display, low battery indication, auto power off
Operating	Temp: 0~40C, Humidity <80% RH
Dimensions	170 x 72 x 35mm, spike 315mm x 30mm(dia), stents 155 x 95 x 35mm Approx. 705g
Surrounding	No vibrating source or corrosive medium
Std accessories	Main unit, measuring accessories, manual, case
Optional accessories	Curved padded attachment



Model and Specifications subject to change without notice.