

BRAYO
By Tech Quality Co.,Ltd.

—Digital Force Gauge



Free ISO 17025 Accredited
Calibration Certificate
Free Data logging/graphing
software.

Ordering Information



Tech-Quality Co.,Ltd.



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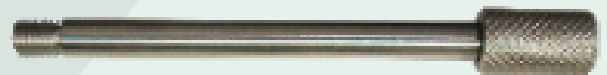
@techquality



Digital Force Gauge



The DFG Series Digital Force Gauge marks a new Large LCD display and touch key in digital force measurement. This compact, easy-to-use force gauge is designed for economy applications without compromising functionality. Ideal for hand held or test stand applications. The DFG Series is available with capacities from 5 N to 1000N



Specification

Accuracy : +/- 0.2%FS Capacitive Touch Key
Operations Automatic reversible display
Overload Protection Mechanism 150%
Memory : 1000 Data (Auto or Manual record)
High and low set point
5 Point Calibration Linearization.
Battery Life : Approx 16 hours
Power : 3.6Vdc 800mAH Ni-MH rechargeable
Charger : USB/BM Charge 110-220VAC
Selectable Unit : mN, N, gf, kgf and lbf
Mode : Peak, Auto Peak or Track
Data Sampling Rate : 1000 Hz
Dimensions : 160*73*34 mm
Weight : 0.7 kg
Accessories : hook, flat tip, conical tip, chisel tip, notched tip, extension shaft





Memory 1000 Data



Diagram Graph

Ordering Details

Models		mN	N	gf	kgf	ozf	lbf
DFG5	Capacity	5000.0	5.0000	500.00	-	18.000	1.1000
	Resolution	0.5	0.0005	0.05	-	0.005	0.0001
DFG10	Capacity	10000	10.000	1000.0	1.0000	35.00	2.2000
	Resolution	1	0.001	0.1	0.0001	0.01	0.0005
DFG20	Capacity	20000	20.000	2000.0	2.0000	70.00	4.400
	Resolution	5	0.005	0.5	0.0005	0.01	0.001
DFG50	Capacity	50000	50.00	5000	5.000	180.00	11.000
	Resolution	5	0.005	0.5	0.0005	0.05	0.001
DFG100	Capacity	-	100.00	10000	10.000	350.0	22.000
	Resolution	-	0.01	1	0.001	0.1	0.005
DFG200	Capacity	-	200.00	20000	20.000	700.0	44.00
	Resolution	-	0.05	5	0.005	0.1	0.01
DFG500	Capacity	-	500.00	50000	50.000	1800.0	110.00
	Resolution	-	0.05	5	0.005	0.5	0.01
DFG1000	Capacity	-	1000.0	-	100.00	3500	220.00
	Resolution	-	0.1	-	0.01	1	0.05

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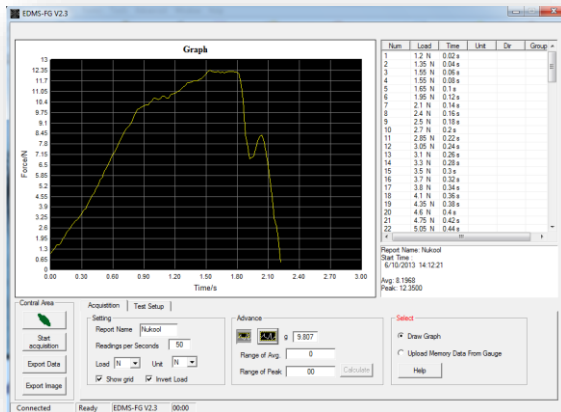




Complete Kit

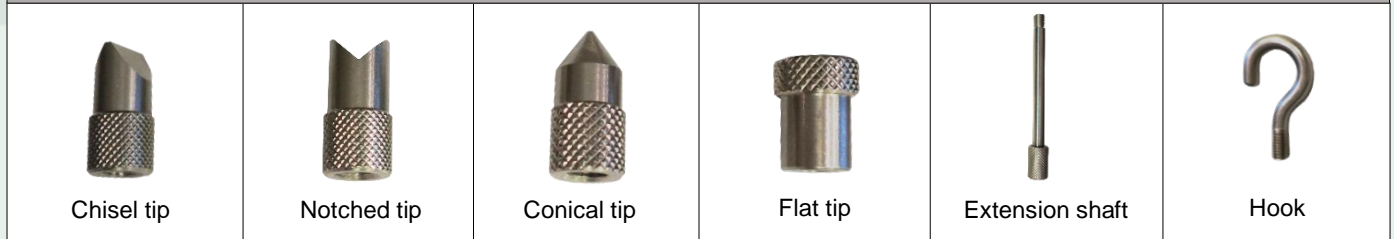
Simple to Setup and Operate Export Data an Image to Excel Preload Test Setup
 Pull to limit Setup Pull to Break Setup Compress to limit Setup Pull to Rupture Setup Download
 database results from the gauge

Software Force Gauge



Free BRAVO software expands the functionality of your BRAVO Series digital force gauge. This all-new and easy-to-use Windows based package interfaces directly to your digital force gauge. You may perform break tests, limits tests and Preload setup. You can download database results from the gauge

Complete Kit



Optional Accessories

Mini Thermal printer



Paper roll width 58 mm
 Paper roll diameter ≤ 30mm
 Power Ni-HM battery, 700mAh
 Dimension 90X76X36mm
 Weight 220g (except paper roll)

External Interface (DFG Port)



USB Port

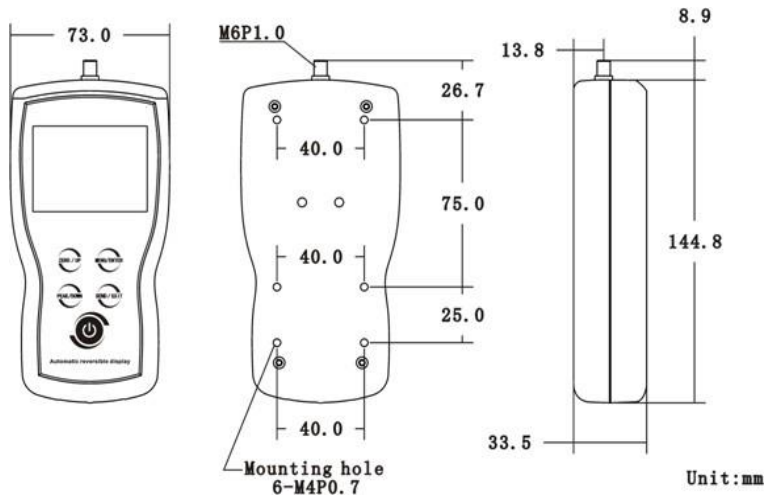
The USB port is used to transmit data to PC and recharge. Connect the USB cable to a charger for recharge. Connect the PC for upload data. The software EDMS need to setup in PC, see manual of EDMS for detail.

Multifunction Port

The MD8 port is a multifunction port, it includes a RS232 interface for connect to the printer or computer, and two alarm outputs.

Accessories: hook, flat tip, conical tip, chisel tip, notched tip, extension shaft

Dimensions



1.Main body



3.User's manual



4.Measuring head



Hook



Flat tip



Conical tip



Notched tip

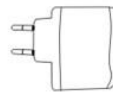


Chisel tip

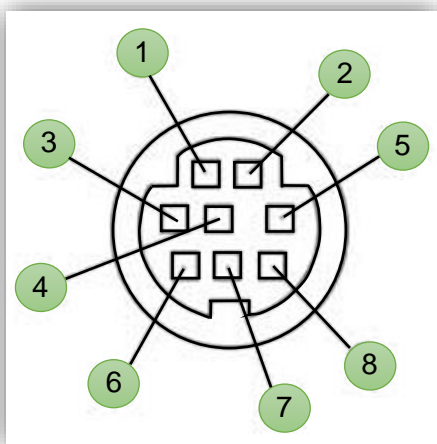
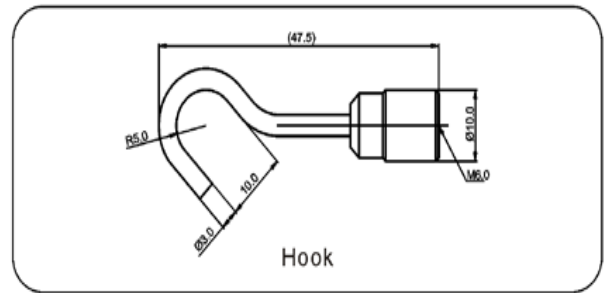
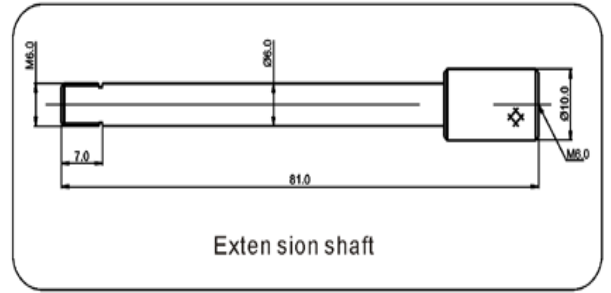
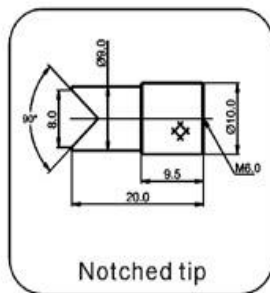
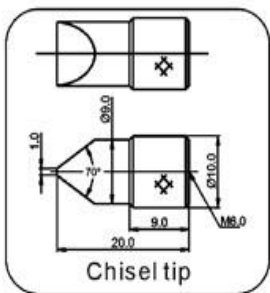
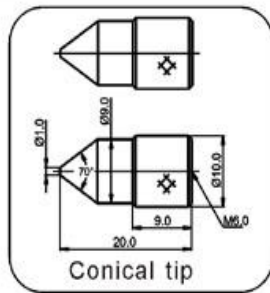
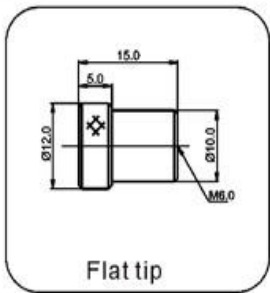


Extension shaft

2.Charger



5.USB data line



Port Pin Assignment

PIN#	Definition
1	RS232-Transmit
2	RS232-Receive
3	RS232-Ground
4	Comparison Output B
5	Reserved
6	Comparison Output C
7	Comparison Output A
8	Reserved