

DIGITAL FORCE GAUGE



Free

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

Ordering Information



Tech-Quality Co.,Ltd.



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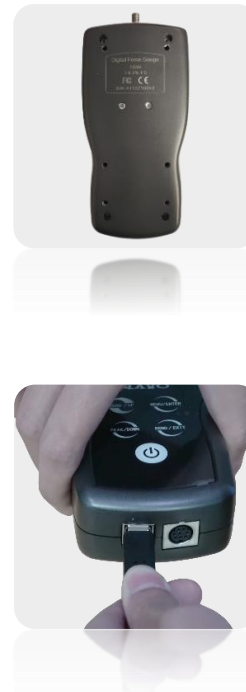


The DFG Series

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



DIGITAL FORCE GAUGE



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



Introduction



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.



Diagram Graph

No.	Force	Dir
001	7.10 N	↕
002	7.10 N	↕
003	7.10 N	↕
004	20.35 N	↕
005	8.30 N	↕
006	10.45 N	↕

Memory 1000 Data



Selectable Unit



Printing

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

Complete Kit

Conical tip



Notched tip



Flat tip



Chisel tip



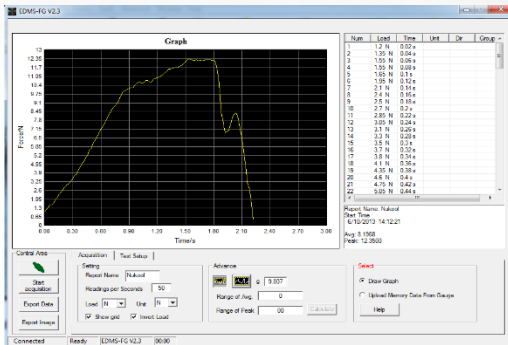
Hook



DFG

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

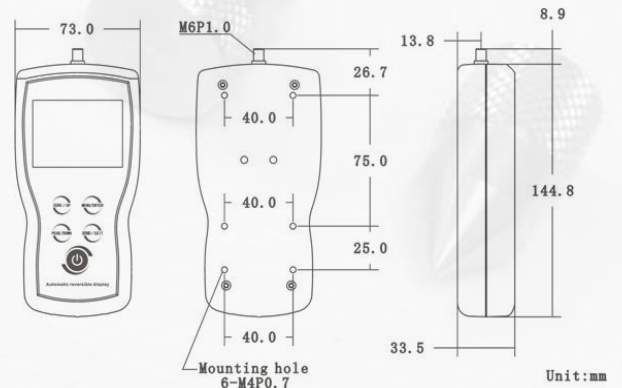
Optional Accessories



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

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

Dimensions



1.Main body



2.Charger



3.User's manual



4.Measuring head



Hook



Flat tip



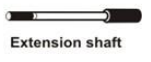
Conical tip



Notched tip

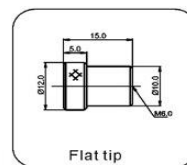


Chisel tip

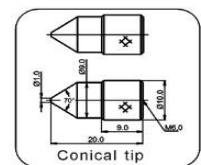


Extension shaft

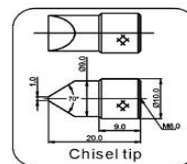
5.USB data line



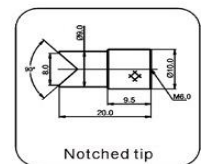
Flat tip



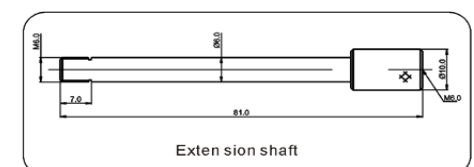
Conical tip



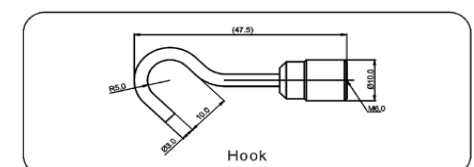
Chisel tip



Notched tip

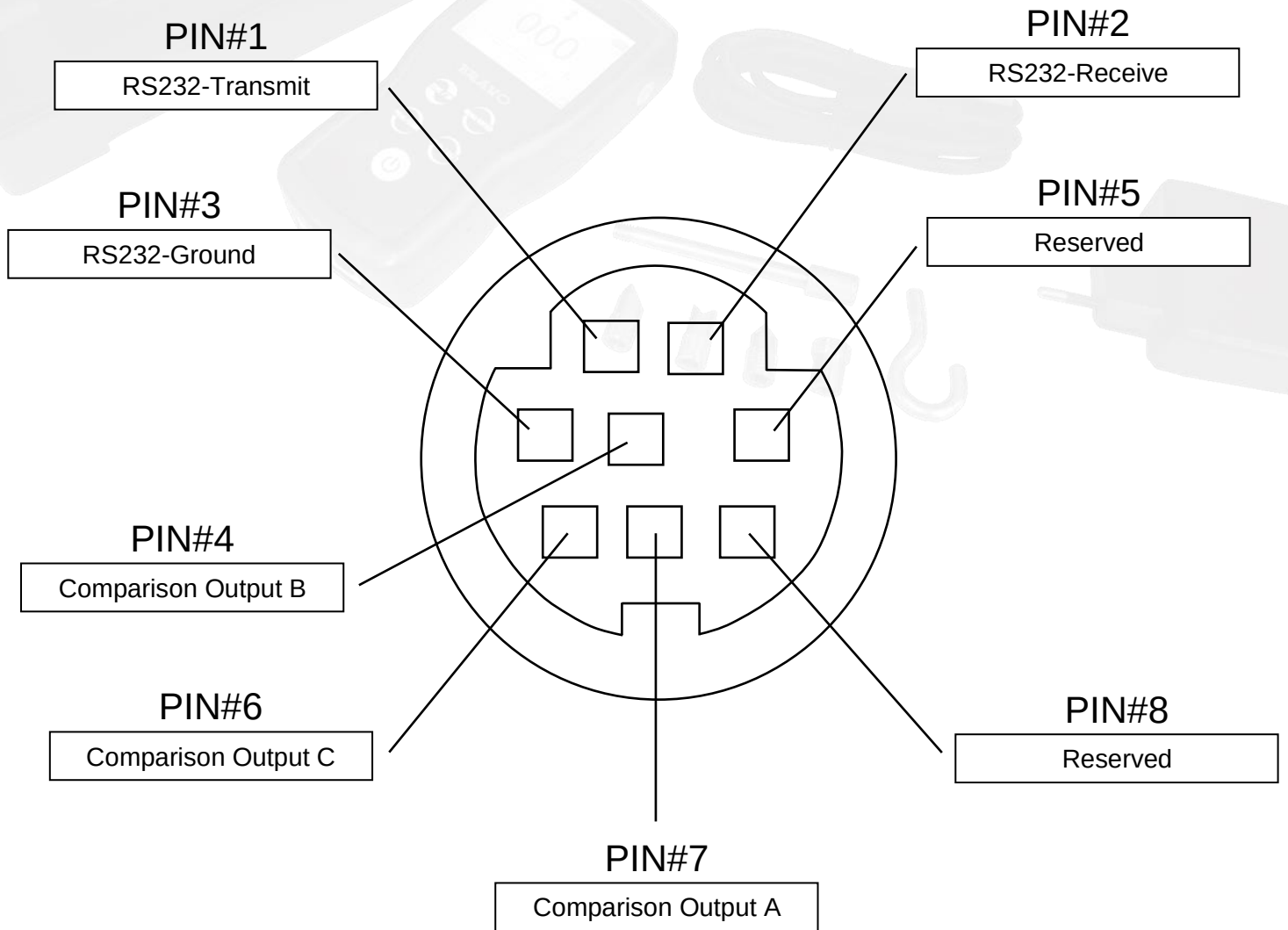


Extension shaft



Hook

Port Pin Assignment



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