

DIGITAL FORCE GAUGE

With External Load



The XDFG Series



Ordering Information



Tech-Quality Co.,Ltd.



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The XDFG Series

Digital Force Gauges provide additional tension and compression testing flexibility with their external load cell input.

External load cells are immediately recognized when connected to the display base.

Three styles of load cells are available for your specific testing needs.

Specification



Accuracy : +/- 0.2%FS

Capacitive Touch Key Operations

Automatic reversible display

Safe Overload 150%

Memory : 1000 Data (Auto or Manual record) Automatic load cell identification

5 Point Calibration Linearization.

Power : 3.6Vdc 800mAH Ni-MH

rechargeable Charger : USB/BM Charge

Selectable Unit : N, KN, lbf, kgf, tf

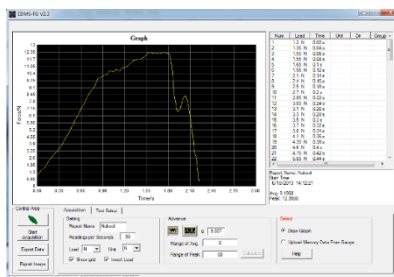
Mode : Peak, Auto Peak or Track

Data Sampling Rate : 1000 Hz

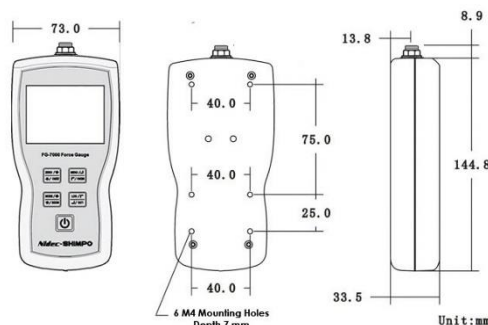
Weight : 0.6 kg



Software Force Gauge



Optional Accessories



Dimensions



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

Mini Thermal printer

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

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



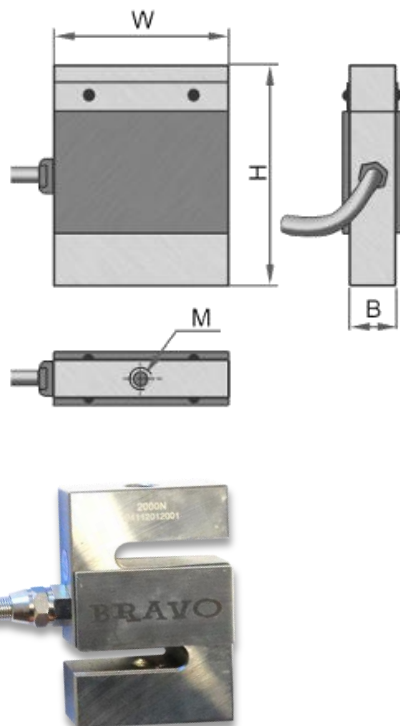
Memory 1000 Data

Ordering Details

Model	Load cell	Capacity / Resolution					
		N	kgf	lbf	KN	tf	
XDFGS-1K	S Type	1000/0.1	100/0.01	220/0.05			Tension & Compression
XDFGS-2K	S Type	2000/0.5	200/0.05	450/0.1			
XDFGS-5K	S Type	5000/1	500/0.1	1100/0.1			
XDFGS-10K	S Type	10000/1	1000/0.1	2250/0.5	10/0.001		
XDFGS-20K	S Type		2000/0.5	4500/1	20/0.005		
XDFGR-10K	Ring type	10000/1	1000/0.1	2250/0.5	10/0.001		Compression only
XDFGR-20K	Ring Type		2000/0.5	4500/1	20/0.005		
XDFGR-50K	Ring Type		5000/1	1.1k/0.005k	50/0.01	5/0.001	
XDFGR-100K	Ring Type			2.2k/0.005k	100/0.01	10/0.001	
XDFGR-200K	Ring Type			4.4k/0.01k	200/0.05	20/0.005	

XDFG

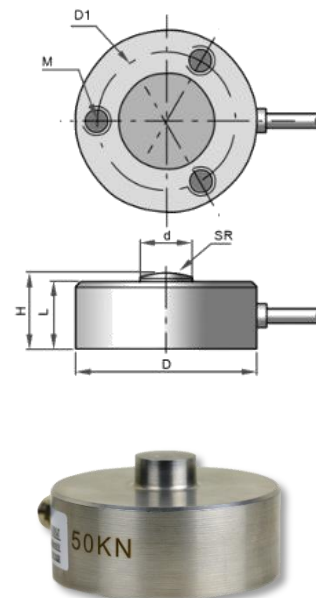
S-Beam



Model	Dimensions S Type			
	W	H	B	M
XDFGS-1KN	51	76.2	19	M12
XDFGS-2KN				
XDFGS-5KN			25.4	M18*1.5
XDFGS-10KN				
XDFGS-20KN	76.2	108		

Model	Dimensions Ring Type					
	D	d	I	H	D1	M
XDFGR-10K	82	22	32	44	68	4-M8
XDFGR-20K						
XDFGR-50K						
XDFGR-100K						
XDFGR-200K	126	35	40	54	101	4-M10

Ring Type



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