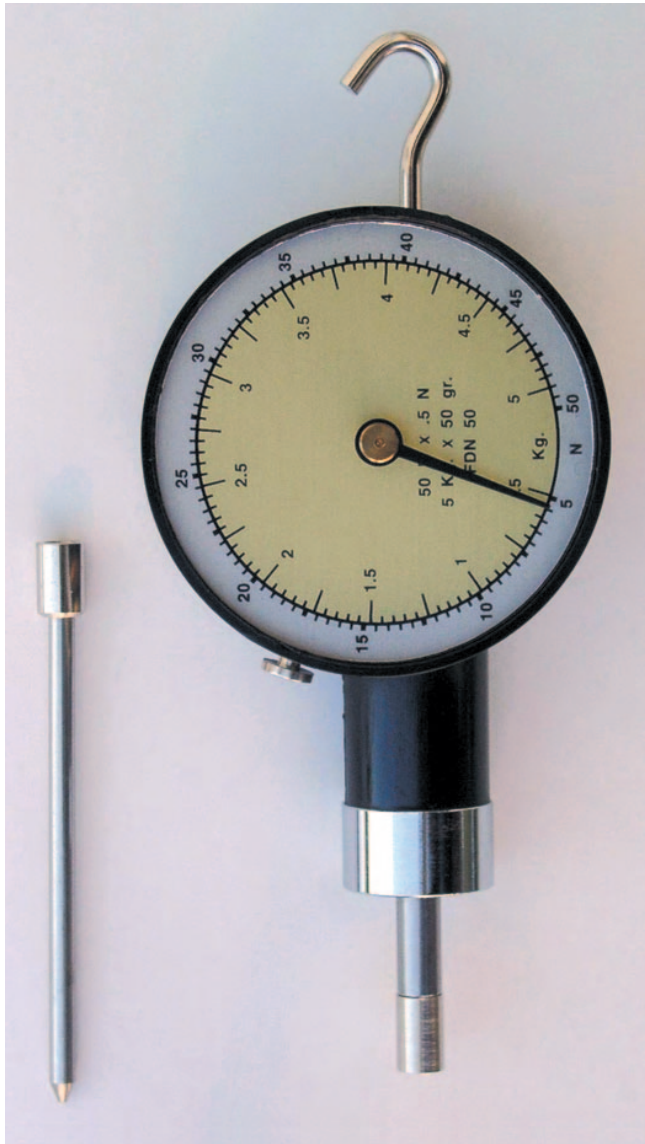


Dynamometer



This mechanical push-pull* Dynamometer has dual graduation dial for dependable tension and compression* measurements in decimal pound/gram or Newton/gram.

Compact size, one hand use, and precision make the FD Dynamometer ideal for a wide variety of force gage applications.

All models feature a push button peak force hold. The maximum or peak force is always retained by the Dynamometer unless the peak force button is pressed.



* Models FD and FDN are PUSH - PULL dynamometers, DT and DTN are PUSH only.

Each instrument may be hand-held or mounted on a test stand. To be mounted on a stand three dimples on rear of the housing provide starting point for the screw.

The force measurement range begins at about 10% of full scale; use of the instrument below 25% of full scale may produce inaccurate results: another model with lower capacity may be necessary.

Each Dynamometer is individually calibrated with certified weight to be used in horizontal position with an accuracy of +/- 1% full scale over 2000 grams and +/- 2% through 2000 grams. To be used in other position the weight of barrel and accessories should be add or deduct (read instrument manual). Forces must be applied to the load shaft only in axial manner to avoid reading errors.

Note that DT / DTN instruments have the same FD / FDN code. Example : DT 102 has a full scale of 2.5 Kg or 5 Lb.

Dimensions :

mm (L x W x H) : 111 x 59 x 26 (4.4 x 2.3 x 1 inch)
case : mm 145 x 72 x 33

Weight :

instrument : (with flat tip) about 85 grams
Shipping weight : about 180 grams

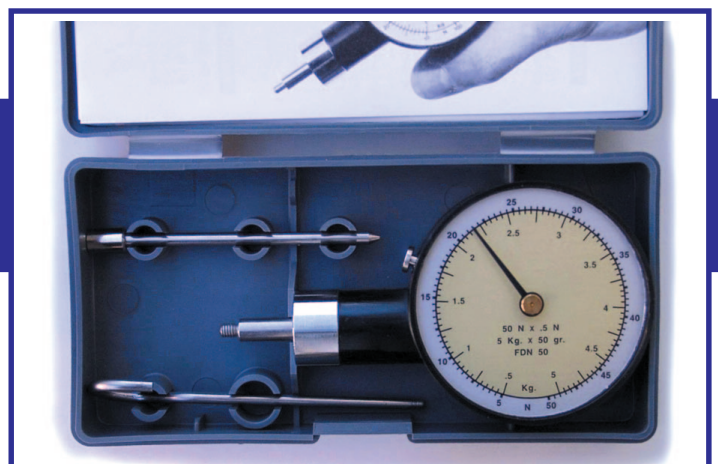
Standard accessories :

flat tip extension rod
hook (FD/FDN only)
operation manual

NOTE : all dimensions, weights and specification are subject to change

MODELS	CAPACITY	GRADUATION
FD 101	1 Kg	20 grams
	2 Lb	0.02 Lb
FD 102	2.5 Kg	25 grams
	5 Lb	0.05 Lb
FD 105	5 Kg	50 grams
	10 Lb	0.1 Lb
FD 110	10 Kg	100 grams
	20 Lb	0.25 Lb
FD 120	20 Kg	200 grams
	40 Lb	0.5 Lb
FD 130	30 Kg	250 grams
	60 Lb	0.5 Lb

MODELS	CAPACITY	GRADUATION
FDN 10	1 Kg	10 grams
	10 N	0.1 N
FDN 20	2,5 Kg	25 grams
	20 N	0.2 N
FDN 50	5 Kg	50 grams
	50 N	0.5 N
FDN 100	10 Kg	100 grams
	100 N	1 N
FDN 200	20 Kg	200 grams
	200 N	2 N
FDN 300	30 Kg	250 grams
	300 N	2.5 N



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