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FORCE DIAL™ FDK/FDN



FDK in hand



FORCE DIAL™ FDK/FDN Mechanical Force Gage



Select a Model:



ALL MODELS INCLUDE:

Compression flat, tension hook, extension rod, case, and manual.

Add a NIST Traceable Accuracy Verification Certificate?

FDK/NIST - NIST Calibration Certificate

\$75

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This gage does not come with a test stand.

You can add an add a test stand to this stand order by selecting one below.



Select a Model:



If you purchase an optional FTK100 test stand with the FDK/FDN Force Gage above, you will also receive a free FTK/FDK mounting kit.

- DECIMAL POUND / GRAM MODELS

MODEL	Capacity / Graduation	
FDK 2	2 lbf x 0.02 lbf	1000 gf x 10 gf
FDK 5	5 lbf x 0.05 lbf	2500 gf x 25 gf
FDK 10	10 lbf x 0.10 lbf	5 kgf x 50 gf
FDK 20	20 lbf x 0.25 lbf	10 kgf x 100 gf
FDK 30	30 lbf x 0.25 lbf	14 kgf x 100 gf
FDK 40	40 lbf x 0.50 lbf	20 kgf x 200 gf
FDK 60	60 lbf x 0.50 lbf	30 kgf x 250 gf

OUNCE / GRAM MODELS

Model	Capacity / Graduation	
FDK 32	32 ozf x 1/4 ozf	1000 gf x 10 gf
FDK 80	5 lbf x 1 ozf	2500 gf x 25 gf
FDK 160	10 lbf x 2 ozf	5 kgf x 50 gf

NEWTON / GRAM MODELS

Model	FCMI* Capacity / Graduation	
FDN 10	10 N x 0.1 N	1000 gf x 10 gf
FDN 20	20 N x 0.25 N	2500 gf x 25 gf
FDN 50	50 N x 0.5 N	5 kgf x 50 gf
FDN 100	100 N x 1 N	10 kgf x 100 gf
FDN 200	200 N x 2 N	20 kgf x 200 gf
FDN 300	300 N x 2.5 N	30 kgf x 250 gf



Features & Description



Specifications



Resources

RELATED PRODUCTS:

CONSTRUCTION

- Large 2.25" [60mm] dial.
- Dual graduations: lbf/kgf or kgf/N.
- Plastic housing, stainless steel plunger, steel spring and brass mechanism.
- Full scale plunger deflection: 0.4" [10mm].
- Push button peak hold.
- Sheet metal screws for handle or fixture mounting.

OPERATION

- Tension and compression from opposite ends.
- Peak readings retained - released by pushing button.
- Tension hook attached thru hole in housing.
- Pound/gram or Newton/gram on outer/inner dial.
- Verify accuracy by suspending test weights on hook.

ACCESSORIES

- Flat compression head, tension hook, extension rod, case, and manual.

OPTIONAL ACCESSORIES

- Stainless steel handle, 7/16" [11mm] rubber tip, pressure pad and NIST Calibration Certificate.

ACCURACY

- $\pm 1\%$ (1 graduation) over 2500 gf.
- $\pm 2\%$ (2 graduations) thru 2500 gf.

FDK/RT
Rubber Tip

Capacity: 60 lbf

Thread Size: Metric - M4

Compatible Gages:

FDK / FDN

\$25

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Specifications subject to change without notice

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