

VFG - ADVANCED DIGITAL DYNAMOMETER



**THE MOST ADVANCED
MODEL IN ELECTRONIC
FORCE GAUGES**

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FUNCTION

The VFG digital force gauge is an advanced version of the AFG et BFG electronic force gauges. Thanks to its intuitive touch screen and innovative features, this model will facilitate the operator's measurement needs.

The VFG dynamometer can be used on its own or in conjunction with a tes bench to perform tensile/compression tests in the laboratory and in R&D.

The dynamometer works with the Vector OS software version, as does the VFTI digital display.

TECHNICAL INFORMATION

Resolution	1:50 000 for example, the VFG 500 measures in newtons with a resolution of 0.01 N
Precision	±0,1 % from full scale
Sampling frequency	5 000 000 Hz
Overload index	150% from full scale
Built-in memory	8 Mo (about 500 readings stored)
Expandable memory	Up to 32 GB (via SDHC card)
Dimensions (W x H x D)	72 x 205 x 42 mm
Weight	740 g



BENEFITS :

- **Enhanced data analysis capabilities**, such as the recording of key test values (1st and last peaks), as well as a graphical mode that generates a live curve on the dynamometer screen to identify critical events occurring during the test.
- **A visual alarm** alerts operators to the success or failure of their test, while an overload warning minimizes the risk of accidental damage to the load cell.
- Your test data is **stored on external memory (micro-SDHC 32 GB)** and can be exported at a later date to your computer or printer for further analysis of your results.

VECTOR OS

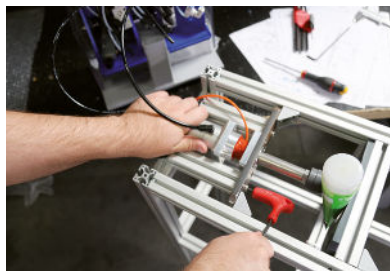
Vector OS software is at the heart of the VFG, allowing operators to configure the dynamometer according to their measurement needs, while customizing the touch-screen interface to quickly analyze test results.

CAPACITIES FROM 2.5 TO 2500 N

The VFG dynamometer is available in 10 models to suit a wide range of industrial applications. It offers enhanced accuracy ($\pm 0.1\%$ of full scale) with readings displayed in 7 different units of measurement: N, kN, mN, gf, kgf, lbf and ozf.

	VFG 2,5	VFG 5	VFG 10	VFG 25	VFG 50	VFG 100	VFG 250	VFG 500	VFG 1000	VFG 2500
N	2,5	5	10	25	50	100	250	500	1000	2500
lbf	0,55	1,1	2,2	5,5	11	22	55	110	220	550
kgf	0,25	0,5	1	2,5	5	10	25	50	100	250

ACRN A GLOBAL OFFER for your packaging quality controls



Calibration and annual maintenance

ACRN is equipped with a metrology laboratory.

Setting up tests, choice of materials, state of the art, work on repeatability

we can advise you according to your needs (technology, budget, ergonomics).

Leak testing and dynamometric testing

Our skills and equipments for leak testing and dynamometric testing for packaging

Major manufacturers have trusted us for many years

