



Discover your next Mecmesin force gauge
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DS-1181

VFG

touchscreen digital force gauge

Ground-breaking digital force gauge combining intuitive touchscreen control with sophisticated measurement features - powered by Vector OS.





A versatile handheld touchscreen instrument built for tough environments that delivers accuracy and reliability.

Compatible with our range of external plug-and-play 'Smart Sensors' (using a Smart Adaptor) for a wide range of tension, compression and torsion testing.

Connects to our manual and motorised test stands for greater control of test conditions such as speed and force.



Touchscreen
Easy to use icons and customisable interfaces - swipe or press and hold to access menus and options

Battery life
Fast-charging lithium-ion battery for more testing and less charging (compared with NiMH batteries)

Statistics
Use onboard statistics to save peak readings and perform basic statistical analysis onscreen

Alarms
Enhanced alarm configurations - including a 'pre-alert' warning for operators as load is applied

Visualisation
Powerful data analysis with live graphing and configurable values - pinch or drag to zoom or pan test result graphs

Capacities
Choice of 10 models from 2.5 N - 2.5 kN - with accessories kit, travel case and a calibration certificate as standard

Connectivity
USB-C connectivity for charging. RS232 interfacing with VectorPro Lite data capture and analysis, external printers and data loggers

Expansion
Up to 32GB external storage with dynamic data logging via Micro-SDHC card. All data points are saved in CSV format to suit common applications e.g. Excel