



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