HANDHELD FORCE/TORQUE INDICATORS

- For use with force sensors and torque sensors
- Three modes of real-time value display, peak value display and valley value display
- Force unit: N, kN, kg, lb, t
- Torque unit: N.m, kg.cm, in.lb, ft.lb
- High sampling rate captures peak value accurately
- Select to display the real-time curve and the last historical curve
- Real-time automatic capture of peak value and valley value
- Parameter backup and restoration, even if the parameters are messed up, you can restore them with a single click
- Weightless calibration, just enter the sensor parameters and you are ready for calibration
- A variety of alarm options: upper limit alarm, lower limit alarm, peak and valley alarm, over 1.2 times of the range alarm
- Analog signal input range -15~15mV



Example of force sensor connection



Example of torque sensor connection



ISF-DG1

SPECIFICATION

Code	ISF-DG1*	ISF-DG2*	ISF-DG3	ISF-DG4
No. of channels	7 channels	7 channels	single channel	single channel
Max. sampling frequency	3200Hz	12800Hz	3200Hz	3200Hz
Type	force+torque	force+torque	force	torque
Unit switch	initially set to the international system of units, switching units requires recalibration		units can be switched in real time	
Accuracy	±0.1% (of load capacity)			
Output	TYPE-C			
No. of memory	200 groups			
Power supply	built-in rechargeable battery			
Dimension	132×76×20mm			
Weight	300g			

* Calibration parameters (range, coefficient, unit, decimal places, etc.) can be modified, but recalibration is required after modification.



graph mode



computer software (**optional**)

- Real-time data tracking and recording and tolerance limits can be set to determine pass or fail
- Historical measurement data can be viewed in two formats: curves and tabular statistics
- Curve data supports click-to-view analysis, with export options for images and detailed data to Excel

OPTIONAL ACCESSORY

Computer software	IST-TF-DAQ