

TORQUE TESTER FSB

- torque measurement in both directions
- high speed of measurement - up to 1000 samples per second
- peak mode
- storing measurement results into memory
- USB and RS232C serial interface
- statistics, graphs, comparing to thresholds function



FSB series torque screwdrivers are designed to measure tighten or loosen screw (or nap etc.) force torque. In order to do the measurement, force meter is equipped with a special terminal. During measurement the terminal is hand held using clamps. By making rotation with the terminal force torque value is registered. Excessing threshold values can be signaled during tightening screw or peak value can be registered during loosening.



ext. calibration



force chart



units selection



max force



results memory



date and time



multilanguage



min force



printout configuration



thresholds/seletion



statistics

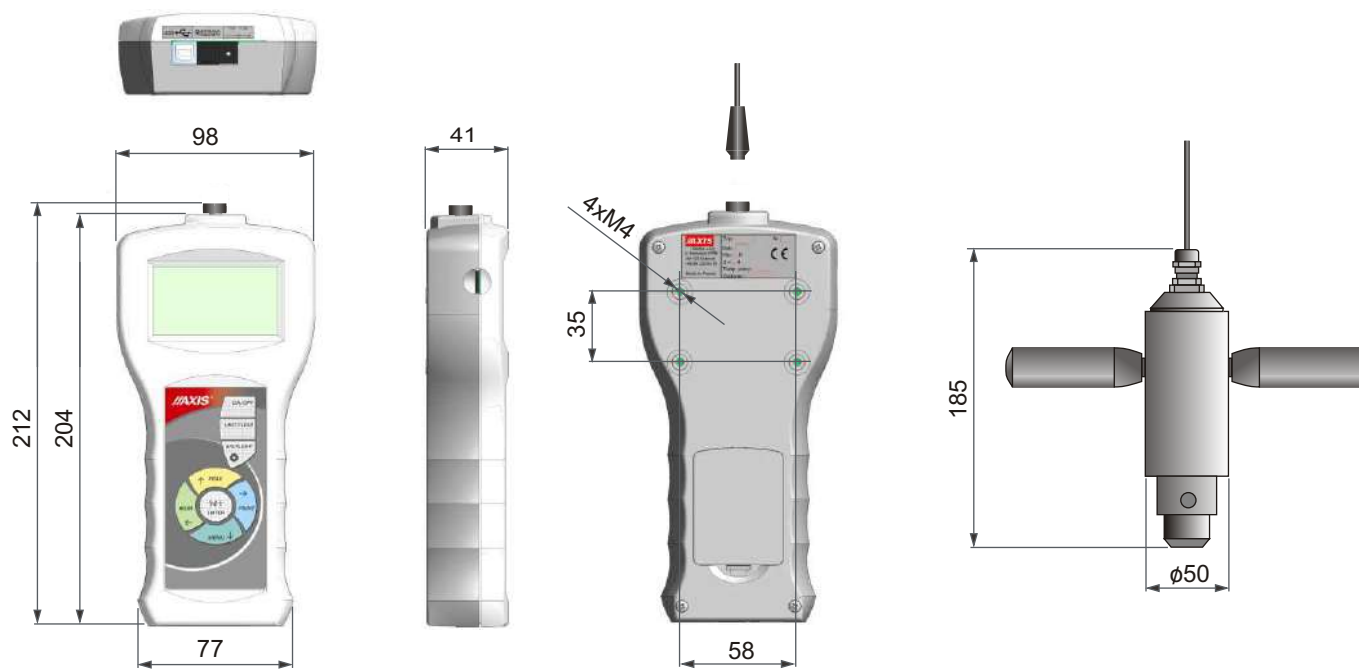
Examples of applications



Measurement of the "strength" needed to unscrew



Tightening the screw with precisely defined "strength"



Technical data

Model	FSB2	FSB5	FSB10
Maximum force measured	2Nm (~0,2kgfm)	5Nm (~0,5kgfm)	10Nm (~1kgfm)
Reading graduation	0,001Nm	0,001Nm	0,01Nm
Accuracy		±0,5% F.S.	
Maximum overload		150% F.S.	
Operational temperature		-10 ÷ +40°C	
Units		Nm, Ncm, kgfm, lbf·in, gfm	
Display		grafical LCD	
Measurement speed		max 1000 measurements/s	
Measuring functions		maximal value measurement, serial measurement, measurement in time	
Measurements memory	RAM 6 400 measurements, microSD card slot; only FC: optional RAM memory expansion to 72000 measurements or 26000 with date+time		
Interfaces		RS232C, USB, clock; options: trigger IN, transoptor OUT (for thr function), wireless modul	
Software		AXIS FM program	
Power supply		internal accumulators NiMH: 4x1,2V 2700mAh + supply: ~230V 50Hz / 12V; 1,2A	
Working time with accumulator		~30h (~25h with backlighting)	
Range of diameters		ø0÷14mm	
Dimensions		212x98x41mm (meter) + ø50x185mm (sensor)	
Weight		0,6g (meter) + 0,9kg (sensor)	