



- 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

FSC2-FSC500

FSB2-FSB10



FSA2-FSA10

FS series

Torque testers

Torque testers

FSA series - cap torque testers

Cap torque testers FSA series are designed for measuring torque during opening jar, bottles etc.

Measurement processor enables to register maximal force torque needed for example to open a jar. Tester is equipped with a wide range clamp to measure variety of objects.

Clamp has a solid, universal construction that enables adaptation and expansion. Thus FSA can be used in complex measurement systems. Torque measurement can be realized in both directions.



FSB series - torque screwdrivers

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.



FSC series - torque wrenches

FSC series meters are designed to calibrate/check torque wrenches. In order to do measurement torque force sensor is mounted to panel. Hand held torque wrench equipped with proper tip is placed into force sensor socket. When stressing the torque wrench user compares wrench indications with FSC meter indications.



- Torque force meters enable calibration printout (according to GLP procedures)
- On demand - computer software **free!!!** to present and save measurement results

Technical data

Meter type	FSA2	FSA5	FSA10	-	-
	FSB2	FSB5	FSB10	-	-
	FSC2	FSC5	FSC10	FSC100	FSC500
Force range (mass)	2Nm (~0,2kgfm)	5Nm (~0,5kgfm)	10Nm (~1kgfm)	100Nm (~10kgfm)	500Nm (~50kgfm)
Readout plot (d)	0,001Nm	0,001Nm	0,01Nm	0,1Nm	1Nm
Precision			±0,5% F.S.		
Max load			150% F.S.		
Working temperature			0 ÷ +40°C		
Units			Nm, Ncm, kgfm, lbf·in, gfm		
Measurement speed			up to 1000 measurements/s		
Memory			FSA: EEPROM 6 400 measurements, FSB and FSC: microSD card		
Measurement option			peak value measurement , dynamic characteristics measurement		
Interfaces			RS232C, USB, options: transoptor out (to threshold function)		
Display			LCD graphical		
Supply			feeder ~230V 50Hz / 12V; 1,2A ; accumulator supply 4xAA		
Range of samples diameters			FSA: φ20÷ φ180mm / FSB: φ0÷14mm / FSC: □1/4"		
Dimensions			FSA: 345x236x160mm / FSB: φ50x185mm / FSC: φ90x80mm		
Weight			FSA: 5,1kg / FSB: 860g + 560g(display) / FSC: 700g + 560g(display)		