Create your own bench

Bench	
Model	Provided for:
MSB\3	3 transducers
MSB\4	4 transducers
MSB\5	5 transducers

Static Transducers	
Transducer	Capacity (Nm)
Freedom SMC 2	0,2 - 2
Freedom SMC 5	0,5 - 5
Freedom SMC 10	1 - 10
Freedom SMC 20	2 - 20
Freedom SMC 50	5 - 50
Freedom SMC 250	25 - 250
Freedom SMC 500	50 - 500
Freedom SMC 1000	100 - 1000
Freedom SMC 2500	250 - 2500
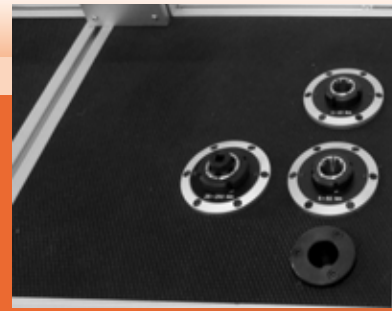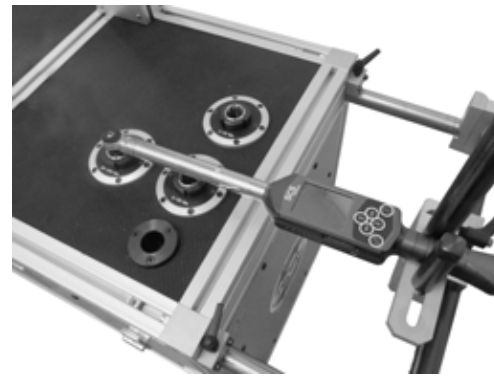
Advanced Tightening Solutions for Quality Control & Production
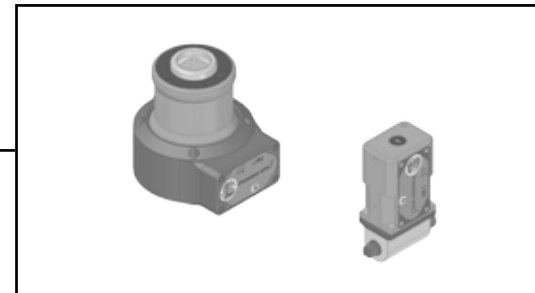
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Accessories

Freedom AV
Reaction system for torque wrenches max 600 Nm

Freedom MSB-BT
Bluetooth module for wireless external transducers

Wireless

Freedom MSB

Test bench

Mobile test bench

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Freedom MSB

For testing power tools and torque wrenches

Setup
- Stationary or mobile bench
- Supply by batteries with 8 hours of autonomy
- Wireless data acquisition
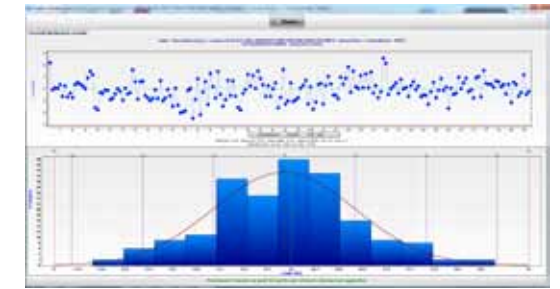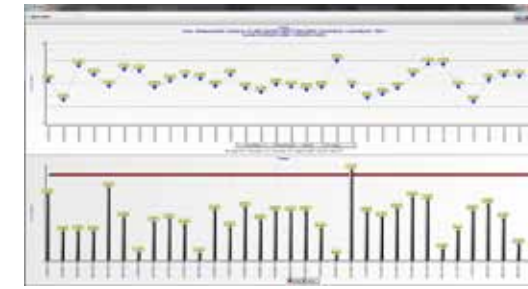
Bench Communication management
Adapted communication protocol between bench software and customer software for tool management

Characteristics
- Test of power tools with joint simulators
- Test of torque wrenches according to ISO 6789
- Test of power tools with rotary
- Analysis of Torque\Angle wrenches
- Process control of Torque\Angle wrenches

Standard versions
- MSB\3   provided for 3 transducers
- MSB\4   provided for 4 transducers
- MSB\5   provided for 5 transducers

Accuracy
- ±0,5 % of reading from 10 to 100% of full scale

Software preinstalled: SAM (SCS – Acquisition Module)
- SPC in real-time
- User-management with different access levels
- Store curves
- Management of tolerance classes
- Route management
- Real time computation of Cm\Cmk, Cp\Cpk and $\overline{X}$\R charts
- Wrench test according ISO 6789 norm and issuance of the certificate

SQnet+ (preinstalled)
- Quality management
- Scheduling, controlling and analysis of quality checks
- Data management
- Central storage

ISO-System for torque wrenches (option)
The ISO-System allows to make controls (Cm\Cmk) on all type of wrenches according to the norm ISO 6789.