



DataTouch³

Data Analyzer



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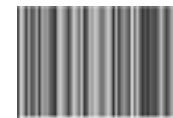
Data Analyzer

DataTouch³ makes quality control efficient, fast and easy.

The perfect solution for dynamic tool tests and residual torque measurement

Color Touchscreen Display

Integrated Barcode Scanner



Supports third party
mV/V Transducers

Cable



USB communication
with external programs and databases

➤ SQnet+





DataTouch³

Data Analyzer

Features

- Automatic SCS transducer recognition
- Connectivity to transducers wireless or via cable
- Connectivity to FWE for residual torque test
- Joint analysis
- Cm-Cmk, Cp-Cpk statistics
- Standalone programming or program with SQnet+ quality management software
- Housing for extra spare battery

Benefits

- Quality control of power tools on the production line
- Process control through residual torque test
- Part recognition or operation initiation via barcode scanner
- Two operational modes: Lab and Quality
- Supports many industry protocols



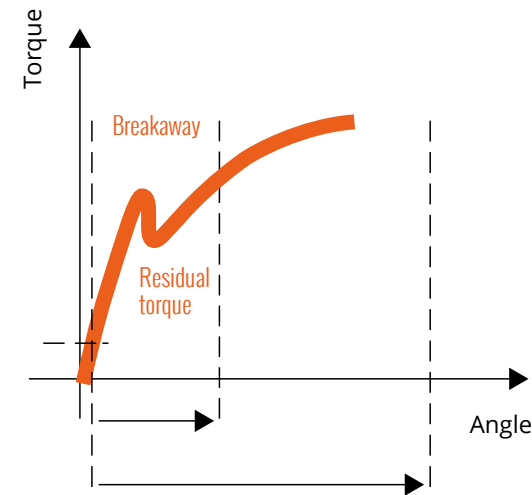
Code			Model		
163 10 0002	DataTouch ³	Data Analyzer for quality control	Optional		
197 14 0001	Freedom ³ -BT	Bluetooth module			
197 14 0008	Freedom ³ -BR	Integrated barcode reader			
197 14 0025	Freedom ³ -EC1	External battery charger			
197 99 0008	Freedom ³ -USB	USB cable			
313 21 0042	Freedom ³ -BA	Battery			
333 51 0003	Freedom ³ -CR	Direct battery charger			



Test Strategies

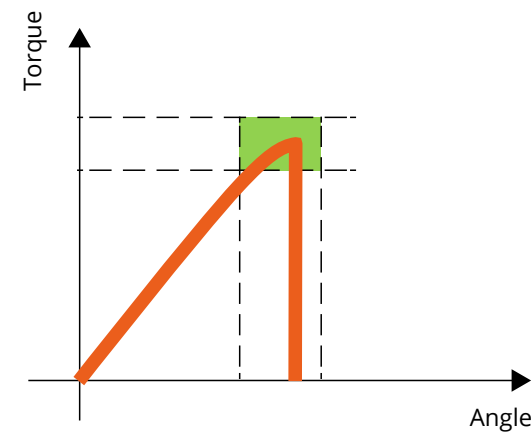
Joint test

- Joint analysis (LAB only)
- Breakaway peak
- Breakaway angle
- Smart breakaway
- Loosen/Tighten
- Loose torque
- Minimum torque



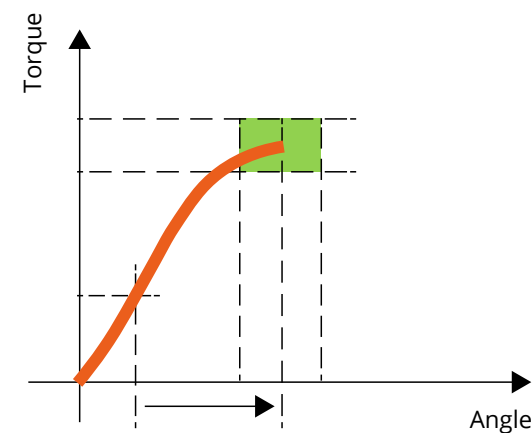
Power tool and torque wrench

- Torque test
- Torque/angle test
- Rivet test



Tightening (LAB only)

- Tightening torque
- Tightening torque and angle
- Tightening torque + angle
- Tightening to yield
- Tightening to yield + angle



LAB

Laboratory

- ✓ Joint analysis
- ✓ Prototype
- ✓ Material studies
- ✓ Pre-series
- ✓ Check and verification of performances of power tools and wrenches
- ✓ Results analysis
- ✓ Traces on display
- ✓ Results and traces analysis on PC software Explorer



SPC

Quality control

- ✓ Power tools and wrenches test on production line
- ✓ Residual torque check on production line
- ✓ Route/job from remote software (SQnet+ or QS Torque)
- ✓ Wireless programming
- ✓ Data traceability
- ✓ VIN management

