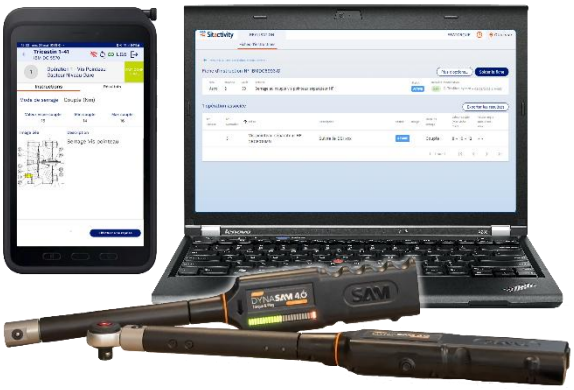
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Fratorque

Digitized tool for reliable and traceable torque operations

Fratorque combines a connected torque wrench with integrated web/mobile applications that automatically capture and manage data to enable preparation, reliability, safety, and complete traceability of torque operations.



Fratorque | Torque wrench, mobile and web apps
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Challenge

Torque operations expose critical activities to error, non-conformities, and time-loss, while limiting the traceability of essential data such as wrench identification, completion date, and torque values. This can compromise the ability to fully document interventions.

Solution

Fratorque is a smart digital torque system composed of:

- A connected torque wrench: real-time torque and angle measurement with user guidance (sound, light, vibration).
- Mobile application on tablet: field interface between the wrench and the information system.
- Web application: creation, management, and export of instruction sheets and torque results.

The Fratorque connected solution ensures the reliability and traceability of tightening by automatically recording wrench and operator identification, completion date and torque value.

Customer benefits

- Reduced number of rework
- Enhanced safety of torque operations
- Full traceability and compliance
- Radiation exposure optimization with remote technical control

Technical Information

- Create and manage instruction sheets
- Automatic synchronization between tablet and web
- Real-time transmission of torque settings to the wrench
- Compliance control and management of rework
- Long battery life with data retention
- Secure communication via local Wi-Fi network
- Excel export for quick reporting

Key figures

100% of torque operations tracked and archived

1-hour minimum productivity gain per activity

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