



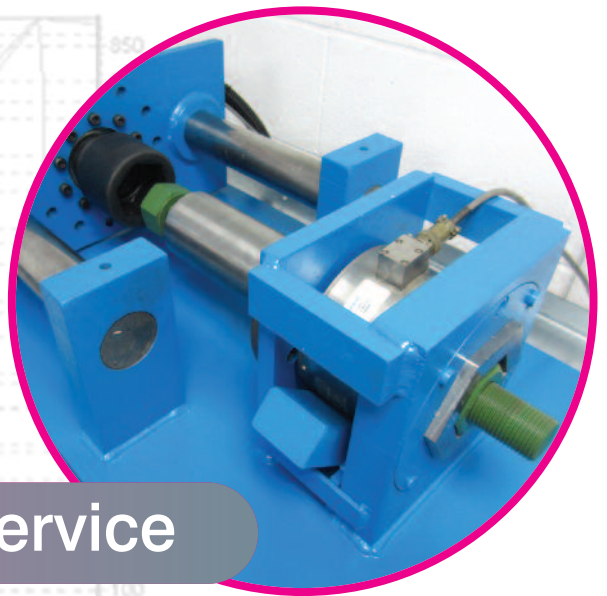
CHRISTIE
TOTAL TORQUE SOLUTIONS

Test-001

Torque (Nm)
4,500
4,000
3,500
3,000
2,500
2,000
1,500

CBA

Christie Bolt Analyser



W. Christie Bolt Analysing Service

Bolt Analysing Service

Have you got failing bolts or joint integrity issues?

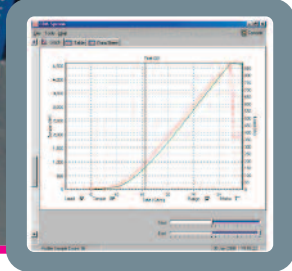
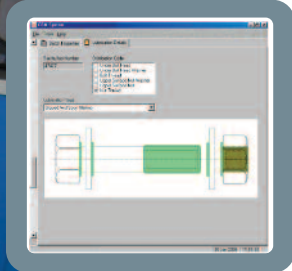
Understanding the unique behaviour of bolted joints is essential to structure safety and integrity.

As a diagnostic aid to monitoring the forces produced in bolts, Christie Bolt Analysers (CBAs) assess the important relationship between the torque applied and axial load.

This allows factors such as fastener manufacturing variations, and the effects caused by lubrication to be

determined with respect to torque and load.

High frequency Windows® based software analyses torque, load, and lubricant variations. This data is recorded and plotted on real-time graphs and result tables, giving an instant 'picture' of the characteristics of the particular bolt under test.



Capability of W. Christie Bolt Analysing Systems

- Testing of fasteners over a wide range of sizes and classifications; M10-M64 (+ imperial equivalent), with accuracy of within +/-1%
- Provides a maximum load measurement of 2,000 kN and a torque measurement of up to 20,000 Nm.
- Offers the following tests:
 - Torque-tension
 - Torque/preload to failure
 - Torque to yield

Send us your sample bolts for evaluation...

Call W. Christie Bolt Analysing Service Team

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