

TorqueStar *Opta*

Torque indicator and data collector



Key Features



- Easy-read display with simultaneous display of all relevant information
- Tailored to your requirements – from simple readout to comprehensive audit tool and more
- Communicates with your PC system
- Plug and play with Crane UTA transducer system
- Simple Quick Measure and comprehensive audit scheduling features



The force in torque management

TorqueStar *Opta*

Torque indicator and data collector

TorqueStar *Opta* is the equipment of choice for the measurement and collection of torque data in the manufacturing environment.

TorqueStar *Opta*'s range of software features can be individually specified to give a configuration most suited to the requirement, from a simple no-frills readout to a comprehensive audit tool with display of torque curves and specialist measurement routines.

The basic TorqueStar *Opta* performs bi-directional measurement of torque, angle and pulse count in track, peak, 1st peak (click) and pulse measurement modes. For additional information, cycle time duration and tool speed can also be displayed. Time and date stamped readings can be set to print automatically. The easy to read display gives a simultaneous view of all relevant information during the measurement process, while the simple alphanumeric keypad enables fast data entry when required.

Light enough for carrying on a neckstrap, yet robust to withstand the rigours of the factory environment, TorqueStar *Opta* also sports integrated rubber bumpers to protect finished product from accidental damage.

Calibration service

Crane Electronics Ltd operates a calibration laboratory accredited by UKAS, the UK Accreditation Service. All Crane products are issued with a calibration certificate traceable to National and International Standards. It is recommended that torque instrumentation is recalibrated at least every 12 months. Please refer to the separate leaflet for information on Crane's calibration services.



System components

- Stationary transducers for off-line torque measurement
- CheckStar rotary transducers for in-line torque measurement
- Joint kits for hard to soft joint simulation
- Transducerised wrenches for monitoring torque application
- Compatible with 3rd party transducers



The force in torque management

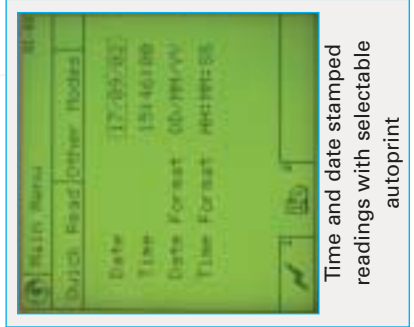
Choice of operating languages

Clear, easy-read display

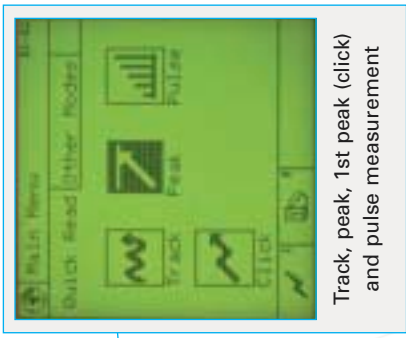
Audible and visual indication of torque status

Manage and share data with your PC

Plug and play with Crane UTA transducer system



Time and date stamped readings with selectable autoprint



Track, peak, 1st peak (click) and pulse measurement

Angle and tool speed measurement when using transducer with angle encoder in track mode

Choice of measurement units

Measure torque, angle and impulse count

Robust ergonomic enclosure with protective trim

Alpha-numeric keypad for ease of data entry

Battery powered with charger

Tailored to your requirements

Simple screen navigation and shortcut keys

Expand Your System

Opta [Latin]: choose, wish for; according to one's wish

Your instrument – Your choice

TorqueStar *Opta* puts you in control of your instruments functions through a choice of software options, giving you a configuration most suited to the measurement requirement...

Basic Configuration



Simple no frills readout

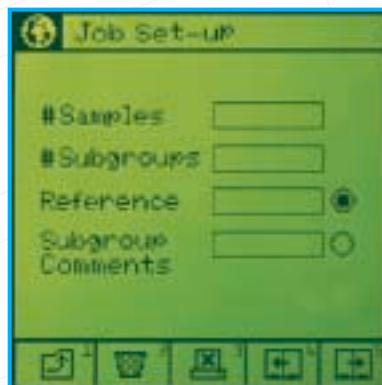
- Multiple languages
- Track, peak, 1st peak (click) and pulse measurement modes
- Torque, angle, pulse count, cycle time and RPM measurement
- Choice of measurement units
- Plug and play with Crane UTA transducers and wrenches
- Compatible with most 3rd party transducers and wrenches
- Selectable auto-print of time and date stamped readings

and you can add...

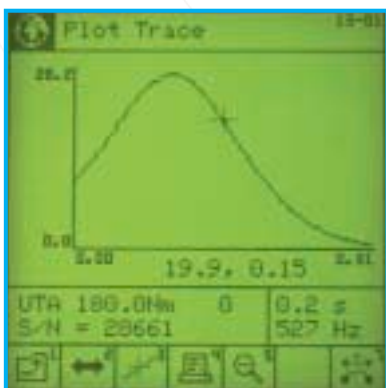
Data Storage...



Audit Schedules...



Graphs...



SPC Analysis...



...and other special operating modes.

See separate software modules leaflet for more information.



Solutions for...

- Automotive ■ Aerospace ■ Electrical ■ Electronic ■
- White Goods ■ Railway ■ Bottling ■ Pharmaceutical ■



The force in torque management

Crane Electronics Ltd

Watling Drive
Sketchley Meadows
Hinckley LE10 3EY
United Kingdom

☎ +44 (0)1455 25 14 88
☎ +44 (0)1455 61 47 17
✉ sales@crane-electronics.com
🏠 www.crane-electronics.com



Certificate No. FM21539



Certificate No. LFRQ 0773110



0464