

DTT *Opta*

Digital torque tester 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
- Interchangeable transducer modules with vertical or horizontal axis
- Software shared with TorqueStar *Opta*



The force in torque management

DTT *Opta*

Digital torque tester and data collector

DTT *Opta* introduces a world of choice, features and flexibility to the tool test environment, with interchangeable transducer modules, built-in printer option, and software features tailored to the application requirement.

These options allow DTT *Opta* to be configured to closely match the user requirements, and a selection of transducer modules can be made available to the operator to cover a broad torque range. Different transducer modules are available with the transducer axis in either the vertical or horizontal plane.

In common with the *Opta* product family, DTT *Opta's* range of software features can be individually specified giving variations from a simple no-frills readout to a comprehensive audit tool with display of torque curves and specialist measurement routines. As the software is common throughout the *Opta* product family, users familiar with TorqueStar *Opta* will already know how to use DTT *Opta*, and vice-versa.

The basic DTT *Opta* performs bi-directional measurement of torque in track, peak, 1st peak (click) and pulse measurement modes, when pulse count is also measured. Cycle time duration can also be displayed. Time and date stamped readings can be set to print automatically on the optional built-in printer or external printer. 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.

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

- Vertical axis transducer module with joint kit
- Horizontal axis transducer module
- Printer module
- Adjustable component fixture
- *Opta* software modules
- PC & external printer connection cables



The force in torque management

Choice of measurement units
Choice of operating languages

Choice of operating languages

Measure torque and impulse count

Audible and visual indication of torque status

Clear, easy-read display

Mechanical joint kit

Battery powered with charger

Optional built-in printer

Tailored to your requirements

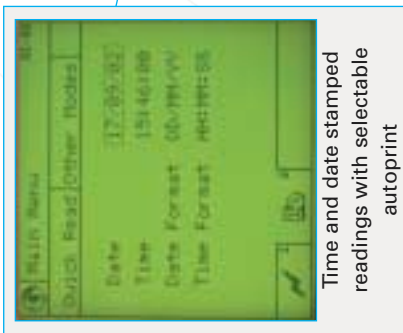
Manage and share data with your PC

Simple screen navigation and shortcut keys

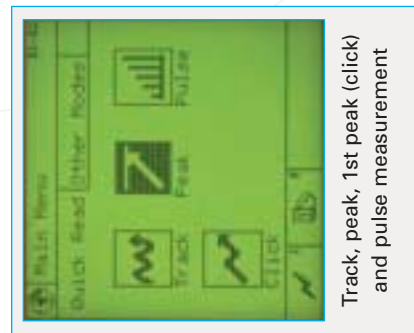
Alpha-numeric keypad for ease of data entry

Interchangeable transducer modules. Range of sizes available with either horizontal or vertical transducer axis

Adjustable component fixture available for clamp and test of individual items, e.g. lock assemblies



Time and date stamped readings with selectable autoprint



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



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

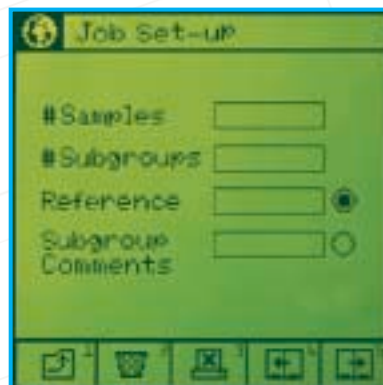
- Multiple languages
- Track, peak, 1st peak (click) and pulse measurement modes
- Torque, pulse count and cycle time measurement
- Choice of measurement units
- Interchangeable transducer modules
- Selectable auto-print of time and date stamped readings to optional built-in or external printer

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

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