

How to use and take care of your Capture Display Analyser



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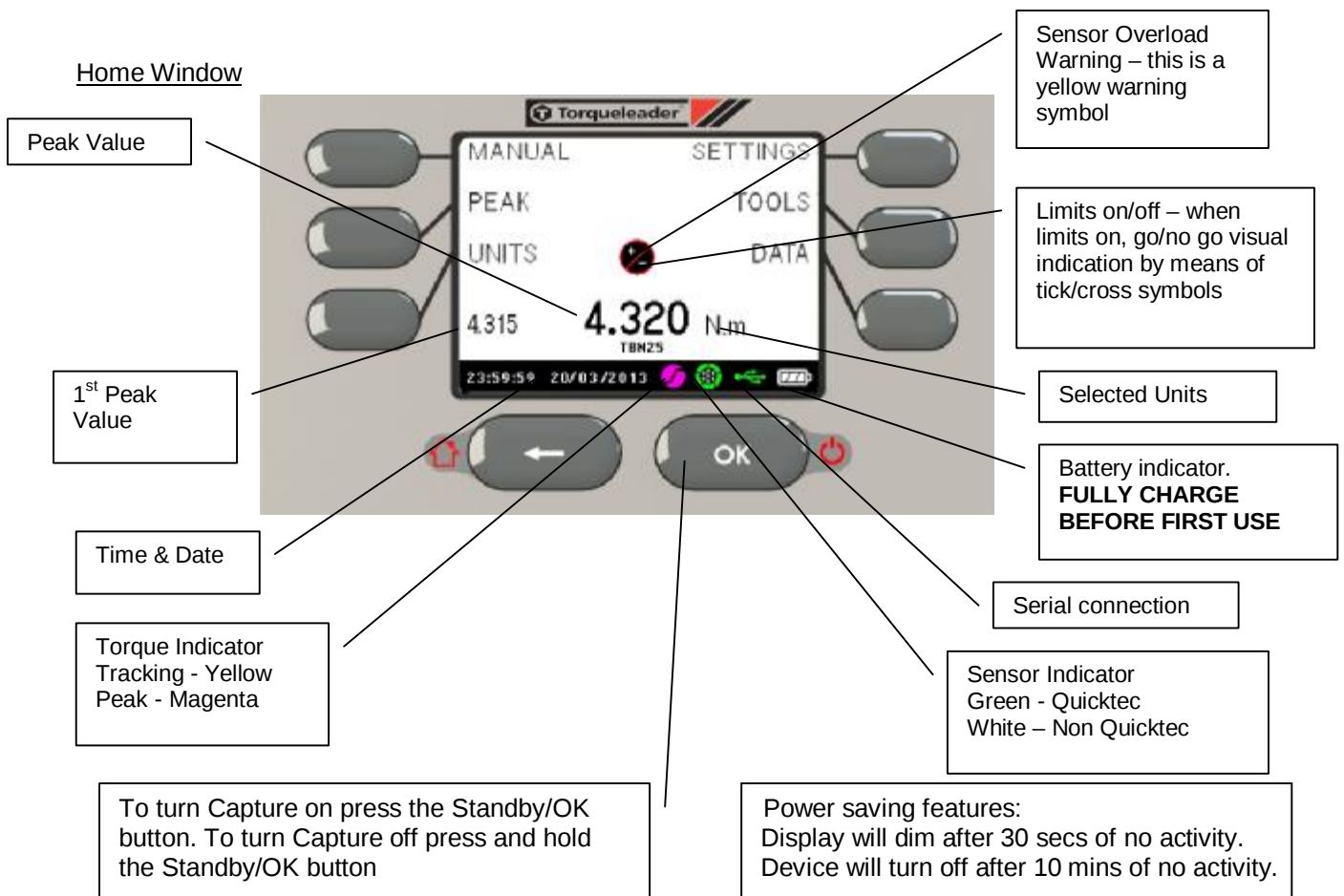
Analyser Specification

- Automatic recognition of Quicktec Sensor.
Can also work with other mV/V sensors from other manufacturers
- 5 Digit resolution of Sensors
- Uncertainty Budget of $\pm 0.034\%$
- 4 Reset Modes – Manual or timed 1, 3 or 5 seconds
- 3 Test Modes – Track, Peak & 1st Peak
- 7 Units of measurement – N.m, cN.m, ozf.in, lbf.in, lbf.ft, kgf.cm & kgf.m
- Operational via internal rechargeable battery (5v DC, 500mA) or a.c. supply.
- USB Port for live data transfer and charging.
- Tool database – stores up to 500 tools.
- Reading Database – Store up to 2000 readings including all traceability information.
- Colour Display for clear visual warnings, i.e. Go/No Go, overload, etc

Safety & Maintenance

- ü Use only as a Torque Analyser / Calibration Device
- ü Always ensure the device is used on a flat surface
- ü Only use the supplied power supply and cable
- ü Calibrate every 12 months
- ü Do not drop the device
- ü Do not clean with abrasives or any fluids, use a dry cloth
- ü Dispose of unit in a safe manner

Home Window



Languages

EN. To change the Capture menus in to your preferred language go to settings and languages.

DEU. Zur Auswahl Ihrer eigenen Sprachen gehen Sie bitte zu

FRA. Pour sélectionner votre propre langue, veuillez aller à Réglages puis Langue

ITA. Per selezionare la propria lingua andare su Impostazioni e Lingua

ESP. Para seleccionar su idioma, vaya a "Ajustes" e "Idioma"

PTG. Para seleccionar o seu próprio idioma, vá a Definições e Idioma

PLK. Aby wybrać ustawienia języka należy przejść do opcji Ustawienia i Język.

RUS. Чтобы выбрать Ваш язык, пожалуйста, перейдите к пункту Язык в меню Настройки

Note.

EN. To reset the language to Factory setting (English). Press the selection buttons in the following order whilst in the home window.

DEU. Zum Zurücksetzen auf die Standardsprache (Englisch) drücken Sie bitte auf dem Startbildschirm die Tasten in der Reihenfolge 4, 2, 1.

FRA. Pour sélectionner la langue par défaut (Anglais) à partir de l'écran d'accueil, appuyez successivement sur les boutons de commande 4, 2, 1

ITA. Per ripristinare la lingua predefinita (inglese) dalla schermata Home premere i pulsanti secondo l'ordine 4, 2, 1

ESP. Para restablecer el idioma original (inglés), pulse los botones de la pantalla de inicio en el siguiente orden: 4, 2, 1

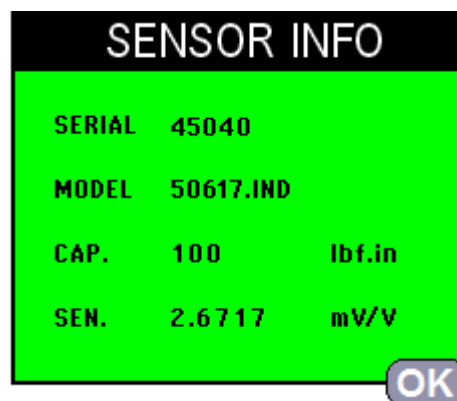
PTG. Para repor o idioma predefinido (Inglês) a partir do ecrã inicial, prima os botões pela ordem 4, 2, 1

PLK. Aby przywrócić domyślne ustawienia języka (język angielski), należy nacisnąć kolejno przyciski 4, 2, 1 na ekranie głównym

RUS. Чтобы сбросить настройки языка на значение по умолчанию (английский язык), на главном экране последовательно нажмите кнопки 4, 2 и 1

How to connect a Sensor

Plug the sensor in to Capture using a Capture Sensor Cable (036246) or relevant cable. When connected to Quicktec sensor, the sensor will be automatically recognised and a summary window is displayed.



When connecting a non Quicktec sensor, the non Quicktec sensor input window is displayed. The sensor info can then be entered by following the prompts on the input screens which is confirmed by the non Quicktec summary window.

ABCDEFGH	IJKLMNOP
OPQRST	UVWXYZ
1234567890 . -	⊗
SERIAL .No	

Note. When using a non Quicktec sensor the sensor info will not be stored in the Capture unit, but it will be stored with each relevant torque reading.

Sensor Connector Type & Pin Connections

Lemo panel mount socket, size 2B. The mating connector is a Lemo 10 way, size 2B plug. Part no. FGG-2B-310-CLA-M42.

Pin No.	Function
1	+ve Sensor Excitation
2	-ve Sensor Excitation
3	+ve Sensor Signal
4	-ve Sensor Signal
5	Not Connected
6	Not Connected
7	Not Connected
8	Not Connected
9	Digital Clock (Quicktec)
10	Digital I/O (Quicktec)

Serial Port

The serial port is used for sending data to a PC. Data transmission is set to automatic and is sent in the following format;

“time date, sensor id, tool id, torque value, units, capture id”

Serial Port settings are as below

Baud Rate	115200
Data	8 bit
Parity	none
Stop	1 bit
Flow Control	none

Warranty

Your Capture display is supplied with a 2 year warranty.