

Beta **588**



INSTRUCTIONS FOR USE

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TECHNICAL SPECIFICATION :-

Display:	4 digit, 7 segment LED.
Display update rate:	2 readings per second (2Hz).
Zero suppression:	± 2 least significant digits
Auto reset hold time:	2 seconds.
Operating temperature range: Storage temperature range:	+5°C to +40°C. -20°C to +70°C.
Maximum operating humidity:	85% Relative humidity @30°C.
AC power adapter:	230 Volts AC at 50 Hz input (UK / Europe). 240 Volts AC at 50 Hz input (Australia). 120 Volts AC at 60 Hz input (USA / Canada). 90 to 264 Volts AC at 50-60 Hz input. (World). 6V, 300 mA DC output (centre positive)
Power consumption:	1.8 W - maximum.
Weight:	2 kg shipping weight.
Dimensions (in mm):	175 (L) x 63.5 (W) x 63.5(H)
Case materials / finish:	Powder coated aluminium housing. Stainless steel transducer shaft..
Environment:	Indoor use within a light industrial environment.
Electromagnetic Compatibility (EMC) Directive:	In conformance with EN 61326-1 : 2006.
Low voltage directive:	In conformance with EN 61010-1 : 2001. To environmental conditions Pollution Degree 2 & Installation Category (Over voltage Category) II.

Due to continuous improvement all specifications are subject to change without prior notice.

CALIBRATION :-

Your instrument has been supplied with a certificate of calibration. To maintain the specified accuracy it is recommended that the instrument is recalibrated at least once per year. Recalibration should be carried out by the Supplier or by the Supplier approved agent, where all the facilities to ensure the instrument is functioning at maximum accuracy are available. Do not remove front panel or case as there are no calibration settings inside.

REPAIR :-

Repair should be carried out by the Supplier or by the Supplier approved agent, where all the facilities to ensure the instrument is functioning at maximum accuracy are available. There are no parts for user repair inside the case.

CLEANING:-

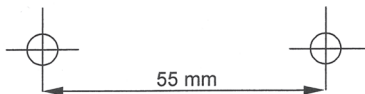
Do not use abrasives or solvent based cleaners.

WARNING:-

If the instrument is used in a manner not specified by the Manufacturer, the protection provided by the equipment may be impaired.

INSTRUCTIONS FOR USE

Installation and Operation Guide for Screwdriver TruCheck Plus



INSTALLATION

1. Identify a suitable surface and position to mount the instrument.
2. Using the template on this guide, mark the position of the 2 mounting holes.
3. Drill (or drill and tap) the 2 mounting holes suitable for 6 mm fasteners (M6; Grade 8.8 minimum; cap head type are recommended or the equivalent).
4. Fix instrument in position using fasteners at a torque of 7.3 to 8.4 N.m (5.4 to 6.2 ft.lb).
5. Connect power supply (supplied) to the instrument. All display segments will light and buzzer will sound briefly. The instrument is ready for use.

WARNINGS

- **ENSURE THE MOUNTING SURFACE IS CAPABLE OF SUPPORTING THE INSTRUMENT WHEN THE RATED CAPACITY TORQUE IS APPLIED.**
- **ONLY USE THE POWER SUPPLY PROVIDED.**
- **DO NOT APPLY TORQUE ABOVE THE RATED CAPACITY.**

OPERATION

MODE Button

1. Press MODE button briefly to display current mode of operation.
2. Press and hold MODE button to change mode of operation. Release button at required mode to accept.
3. Modes of operation.
 - Track Mode ('trAC' is displayed).
Display follows torque applied
 - Click Mode ('CLIC' is displayed).
Display shows first peak of torque applied. Serial data output of peak torque is automatically transmitted.
Display automatically resets after 3 seconds.
For use with 'click' type torque wrenches.
 - Dial Mode ('dIAL' is displayed).
Display shows peak of torque applied. Press RESET to clear the display.
For use with 'dial' and 'electronic' type torque wrenches.

UNIT Button

Press UNIT to change units of measurement.

RESET Button

Press RESET to reset display in Dial mode. Serial data output of peak torque is also transmitted.
Press RESET to transmit serial data in Track mode.

LIMIT Button

1. Press LIMIT to enter target torque setting.
Display flashes between 'SET' and the target torque setting.
 - Press MODE to increase target setting. Hold to increase speed of change.
 - Press UNIT to decrease target setting. Hold to increase speed of change.
2. Press LIMIT to enter \pm percentage tolerance setting from 1 to 10%. Enter '0' for no limits.
'%' and the \pm percentage tolerance setting is displayed constantly.
 - Press MODE to increase \pm percentage tolerance setting.
 - Press UNIT to decrease \pm percentage tolerance setting.
3. Press LIMIT to finish. Display shows 'FIN' for 1 second.

Using the Instrument

1. Select mode of operation.
2. Place screwdriver / wrench in the instrument and operate in desired direction. Remove screwdriver / wrench and zero the display (if required) by pressing the RESET and LIMIT buttons together. 'Set0' is displayed for 1 second.
3. Place screwdriver / wrench in the instrument and operate in desired direction.

Serial Port.

Connect lead (supplied) between TruCheck Plus serial port and computer/ printer.
Communication settings: 9600 Baud, 8 data bits, 1 stop bit, no parity.

DO NOT APPLY TORQUE ABOVE THE RATED CAPACITY