Garant

Electronic torque analyser HCT, maximum torque: 2N·m
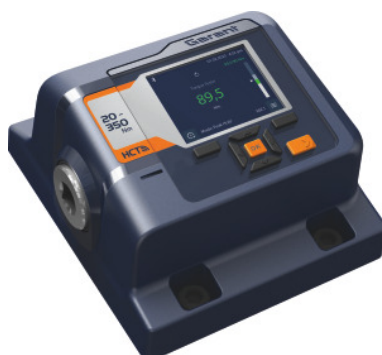
Order data

Order number	654410 2
GTIN	4067263138334
Item class	61D

Description

Version:
For use of mechanical and digital brand torque wrenches (not HCT) and screwdrivers, as well as HCT torque wrenches. Setting and testing triggering, indicating, clockwise and anti-clockwise torque wrenches and screwdrivers.

· **Display: Large sharp contrast illuminated 2.8 inch TFT display with double scale with viewing angle stability. With memory capacity display.**
· **Memory capacity: 1000 measurement values with time stamp (incl. date and time) and 20 configurable test cases.**
· **Modes: Tracking display (Track), trigger point sensing (First-Peak) and peak value display (Peak Hold). When used with an HCT torque wrench, 2 other modes are available: Track-HCT and Peak-Hold-HCT. The measurement values of the HCT torque wrench and the measurement values of the HCT torque analyser are displayed on the analyser display at the same time. The peak values achieved are displayed in comparison and evaluated automatically.**
· **Attachment: can be attached to flat surfaces (table, wall, etc.) using 4 screws (M10).**
· **3 recesses for secure storage of adapters (increaser piece).**
· **Data output: Available via Bluetooth® or USB-C.**
· **Possible wireless applications: HCT Windows app and HCT mobile app. The analyser has a bi-directional interface. The analyser can also be used independently (without the app).**

- **Apps: The Bluetooth® dongle No. 498999 size STICK (license) and the Windows app software are required to activate the HCT Windows app (https://hog.tools/win-app-hct). The HCT mobile app is available free of charge for iOS and Android.**
- **Wireless approval: The torque tester with Bluetooth® interface has valid wireless approval in all EU countries, Switzerland, Norway, Turkey and in the UK.**
- **Password protection: available as protection against unauthorised access to the menu (master password) and for verifying test cases. In addition, if a test case has been performed incorrectly, you can set that any further work requires the input of a password.**
- **Warning signals: visual (change of colour on the display) and acoustic (buzzer). The pre-warning point can be configured individually. The acoustic warning signal can be disabled if desired.**
- **Protection class IP40**
- **Languages: German, English, Spanish, Italian, French.**
- **Factory settings: Can be reset to the factory settings.**
- **Displays the software version with the serial number and date of the last calibration. The date of the next calibration can be set on the torque analyser.**

Units of measurement: Nm, lbfft, lbfin.

Advantage:

When using the torque analyser HCT in conjunction with a torque wrench HCT:

- **Simultaneous display of the measurement values of the torque wrench HCT and the torque analyser HCT on the display of the torque analyser.**
- **Display and automatic evaluation of the peak values achieved by the torque wrench HCT and the torque analyser HCT.**
- **HCT torque wrenches blocked due to overload can be released again using the torque analyser. (After release, calibration of the torque wrenches HCT is recommended).**

HCT – Hoffmann Group Connected Tools

Advantages of wireless transmission with Bluetooth®:

- **Simple data transmission: At the push of a button the measuring result is transmitted directly to your PC application (such as Excel or Word) or to your mobile phone - no dongle necessary.**
- **Freedom of movement: No messy data transmission cables.**
- **Independence of location: Measurements can be performed directly to the machine and transmitted by radio to your application.**
- **Reliable data transmission: No read errors and transmission errors - multiple measuring devices can be linked together.**

Please update the application and Bluetooth® firmware of your HCT torque wrenches to take full advantage of the benefits!

GARANT application firmware from version 3.37, Bluetooth® firmware from version 0.95.

HOLEX application firmware from version 1.1.10, Bluetooth® firmware from version 1.3.6.

Function:

IP40: Protected against penetration by foreign bodies with ∅ > 1 mm, however tools and wires should be kept away, and offers no protection against water.

Accuracy:

Clockwise and anti-clockwise: +/- 1%.
Supplied with:
USB-C data cable (1.8 m), power supply unit (USB-A), country adapter (types A, C, G and I), certificate of conformity. Supplied in a sturdy plastic case. Adapter 1/4 inch square to 1/4 inch hexagon C 6.3 (similar to No. 676950 size 4/4).
Note:
Suitable additional adapters can be found under No. 649550 and No. 650006.
The free smartphone app optionally allows the user to download the latest device software to the analyser via Bluetooth®, thus enabling new extended functionalities to be accessed.

Technical description

Weight	2.8 kg
Torque measuring accuracy	±1 %
Display unit depth	161 mm
IP Index of Protection	IP 40
Resolution	0.01 Nm
Wireless application	HCT Mobile App
Wireless application	HCT Windows app
maximum torque	2 Nm
Square socket	1/4 in
Measuring range	0.1 - 2 Nm
App link	HCT (Hoffmann Group Connected Tools)
Power supply	Mains-powered
Display unit height	86 mm
Series	HCT
Display unit width	146 mm
Direction of tightening	For right and left-hand tightening
Interface	USB interface
Interface	Bluetooth® interface
Test certificate	Manufacturer's test certificate
Calibration	O4

Type of product	Torque analyser

Suitable products

https://www.hoffmann-group.com/GB/en/hom/p/654410-2