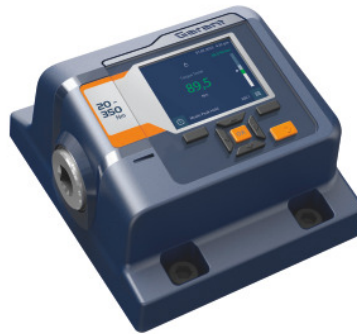


**Garant****Electronic torque analyser, maximum torque: 12N·m****Order data**

Order number	654413 12
GTIN	4067263152422
Item class	61D

**Description****Version:**

For use of mechanical and digital branded torque wrenches (not HCT) and screwdrivers, and setting and checking triggering, indicating, right-hand and left-hand turning 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).
- **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 USB-C. The data can be exported as a .csv file.
- **Password protection:** available as protection against unauthorised access to the menu (master password) and for verifying test cases. In addition, you can set that reworking a test case that has been performed incorrectly requires 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.

**Function:**

IP40: Protected against penetration by foreign bodies with  $\varnothing > 1$  mm. However, tools and wires should be kept away and there is no protection against water.

**Accuracy:**

Clockwise and anti-clockwise: +/- 1%.

**Supplied with:**

USB-C data cable (1.8 m), power supply unit, country adapter (types A, C, G and I), certificate of conformity. Supplied in a sturdy plastic case. Incl. increaser piece No. 649550 size 1 (1/4 inch to 3/8 inch) and converter No. 650006 size 3.

**Note:**

Suitable additional adapters can be found under No. 649550 and No. 650006.

## Technical description

Torque measuring accuracy	$\pm 1 \%$
Display unit depth	161 mm
Measuring range	1 - 12 Nm
Power supply	Mains-powered
IP Index of Protection	IP 40
maximum torque	12 Nm
Weight	3 kg
Square socket	3/8 in
Resolution	0.01 Nm
Display unit width	146 mm
Display unit height	86 mm
Direction of tightening	For right and left-hand tightening
Interface	USB interface
Test certificate	Manufacturer's test certificate
Calibration	O4
Type of product	Torque analyser

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## Services

Calibration clockwise / anti-clockwiseTorque analyser / sensor maximum torque 400/2 N·m	020140 400/2
DAkkS calibration clockwise / anti-clockwiseTorque analyser / sensor maximum torque 1000/2 N·m	020150 1000/2
DAkkS calibration clockwise / anti-clockwiseTorque analyser / sensor maximum torque 0,1-1100/2 N·m	020150 0,1-1100/2