

**GEDORE****Electronic torque wrench / rotational angle wrench, with separate display and connecting cable E-TORC QR, maximum torque: 12 Nm****Order data**

Order number	655001 12
GTIN	4002805936597
Item class	60N

**Description****Version:**

The E-TORC Q / QR is a powerful electronic torque / rotational angle measuring wrench with the latest sensor technology and a 4.3 inch TFT display. Operation is optionally by **touch function or hardware buttons**. Curve depiction and evaluation can be displayed directly on the measuring tool. Parameter sets can be displayed with image data.

Data are exchanged the torque wrench and stationary PC control software by means of wi-fi (2.4 and 5 GHz) or USB mini-port (from Windows® 7).

The signal transmission is shown visually by progress bars, acoustically by beep tone and by touch by means of vibration. Load cycle counter and date of the last calibration can be viewed via a menu.

**Units of measure:** N·m, lbf·ft.

**Function:**

- **Torque control**
- **Torque / rotational angle control**
- **Elastic limit monitoring:** Determination of the elastic limit of bolted connections on the basis of the difference quotients.
- **Prevailing torque:** All processes to VDI / VDE 2645 sheet 3.
- **Slackening / tightening:** Determination of the torque value of a bolted connection e.g. after application of the operating load.

**Application:**

In research and development, the E-TORC Q / QR saves on costly experimental test rigs. Bolt fastening trials of tightening specifications can be performed directly on the component and documented.

#### Supplied with:

Supplied with plug-in reversible ratchet, charger cable, data cable, 4 GB memory, USB stick with documentation, operating manual and evaluation / operation software.

With display and connecting cable in a GEDORE box.

#### Note:

Please comply with the **specific national requirements!**

Accessories on request.

Direction of tightening: For right- and left-hand tightening

Torque measuring accuracy:  $\pm 1$  %

Measuring accuracy rotational angle:  $\pm 1$  %

Interface: USB interface

Test certificate: Manufacturer's test certificate

Calibration: O3

Overall length L: 263 mm

Torque range: 1.5 - 12 Nm

Resolution: 0.01 Nm

Weight: 500 g

Adjusted reference dimension on the torque wrench [l<sub>2</sub>]: 17.5 mm

Square drive: 3/8 inch

## Technical description

maximum torque	12 Nm
Weight	500 g
Resolution	0.01 Nm
Socket for plug-in head	9×12 mm
Torque range	1.5 - 12 Nm
Torque measuring accuracy	$\pm 1$ %
Square drive	3/8 inch
Series	E-torc
Measurement process	Torque
Measurement process	Rotation angle
Measurement process	Strækgrænse
Measurement process	Overdrejningsmoment

Feedback	displaying
Display	digital
Overall length L	263 mm
Setting the trigger value	digital, adjustable
Adjusted reference dimension on the torque wrench [I <sub>2</sub> ]	17.5 mm
Lever length without plug-in head [I <sub>1</sub> ]	185.5 mm
Standard	Manufacturer's standard
Trigger principle	Vibration motor
Lever length including factory calibration reference dimension [I <sub>3</sub> ]	203 mm
Reversible reading	Nm
Reversible reading	lbfft
Adjustable trigger value	adjustable
Connection format	for plug-in heads (rectangular socket)
Calibration	O3
Calibration	O5
Direction of tightening	For right- and left-hand tightening
Test certificate	Manufacturer's test certificate
Interface	USB interface
Measuring accuracy rotational angle	±1 %
Data can be recorded	yes
Measurement technology	electronic
Release signalling	optisk
Release signalling	akustisk
Release signalling	haptisk
Power supply	Rechargeable battery-powered
Type of product	Torque Wrench

## Services

018821 400/2

Calibration Torque wrench both ends maximum torque 400/2 Nm	
Calibration Rotation angle	018850
DAkkS calibration Torque wrench both ends maximum torque 1000/2 Nm	018831 1000/2