

**Garant**
**Torque wrench with digital display, maximum torque: 300N·m**

**Order data**

Order number	656650 300
GTIN	4045197684202
Item class	61E

**Description**
**Version:**

Handy and very compact, one-armed torque wrench, self-triggering. The setting is performed using a digital display (OLED display with battery charge display, rechargeable by mini-USB cable). The unit of measure is easily changed using the multi-function button. Extremely high repeat accuracy, since high quality materials are used throughout. Wearing parts, such as compression springs, are specially pre-treated and sorted.

Acoustic and perceptible "click effect" ensures particularly easy use and accurate setting of the desired torque.

- **Sturdy ratchet, reversible / push-through.**
- **Tough and robust steel tube (hardened and hard chrome-plated), slim design.**
- **OLED display showing the value, battery charge level and unit of measure.**
- **Mini-USB port for charging the display battery.**
- **Handle ergonomically embossed. End collar prevents slipping. Sealed for protection against ingress of dirt and liquids.**
- **Unlocking display of the setting mechanism, easily visible from any position.**

**Units of measure:** Nm, lbfft, lbfin, kgf·cm. With built-in **ratchet – for clockwise and anti-clockwise tightening.**

**Function:**

The wrench triggers giving a "signal" (clearly audible acoustic tone and noticeable vibration) and afterwards is immediately ready for use again.

**Application:**

For medium to larger batch productions.

**Standard:**

Geprüft nach DIN EN ISO 6789.

**Cutting dataa:**
**Legend for drawing and formula:**

$l_1$  = Lever length without plug-in head

$l_2$  = Adjusted reference dimension on the torque wrench

$l_3$  = Lever length including factory calibration reference dimension

$l_4$  = Reference dimension of the plug-in head

L = Total length of the tool

$T_1$  = Torque to be set

$T_2$  = Specified torque

**Supplied with:**

Mini-USB charger cable for the OLED display.

**Note:**

The guaranteed measuring accuracy of the torque is achieved only once the torque range has been calibrated to DIN EN ISO 6789.

## Technical description

Square drive	1/2 in
Display	digital
Resolution	1 Nm
maximum torque	300 Nm
Weight	1500 g
Torque measuring accuracy	±4 %
Direction of tightening	For right and left-hand tightening
Torque range	60 - 300 Nm
Torque range	45 - 220 lbfft
Adjustable trigger value	adjustable
Lever length including factory calibration reference dimension [ $l_3$ ]	478 mm
Trigger principle	mechanical short-travel release
Reversible reading	Nm
Reversible reading	lbfft
Reversible reading	lbfin
Reversible reading	kgf-cm
Standard	DIN EN ISO 6789
Overall length L	598 mm
Feedback	triggering
Connection format	Push-through square drive (ratchet)

Measurement process	Torque
Setting the trigger value	digital, adjustable
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Measurement technology	mechanical
Release signalling	acoustic
Release signalling	haptisk
Power supply	Rechargeable battery-powered
Type of product	Torque Wrench

## Services

DAkkS calibrationTorque wrench maximum torque 1000 N·m	020020 1000
CalibrationTorque wrench maximum torque 400 N·m	020010 400