

Garant
Torque wrench with digital display, maximum torque: 100N·m

Order data

Order number	656650 100
GTIN	4045197683281
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, lbf·in, kgf·cm. With built-in **ratchet - only for 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

Resolution	0.5 Nm
Display	digital
maximum torque	100 Nm
Square drive	1/2 in
Weight	950 g
Torque measuring accuracy	±4 %
Direction of tightening	Right-hand tightening
Torque range	20 - 100 Nm
Torque range	15 - 75 lbfft
Measurement process	Torque
Connection format	Push-through square drive (ratchet)
Trigger principle	mechanical short-travel release
Reversible reading	Nm
Reversible reading	lbfft
Reversible reading	lbin
Reversible reading	kgf-cm
Adjustable trigger value	adjustable
Feedback	triggering
Lever length including factory calibration reference dimension [l_3]	275 mm
Overall length L	392 mm

Standard	DIN EN ISO 6789
Setting the trigger value	digital, adjustable
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Release signalling	acoustic
Release signalling	haptisk
Measurement technology	mechanical
Power supply	Rechargeable battery-powered
Type of product	Torque Wrench

Services

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