

**Garant****Torque wrench with digital display, maximum torque: 200N·m****Order data**

Order number	656650 200
GTIN	4045197683298
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.

**Units of measure:** Nm, lbfft, lbfin, kgf·cm.

- **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.**

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:**

Tested to 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

maximum torque	200 Nm
Resolution	1 Nm
Display	digital
Square drive	1/2 in
Weight	1100 g
Torque measuring accuracy	±4 %
Direction of tightening	Right-hand tightening
Torque range	40 - 200 Nm
Torque range	30 - 150 lbfft
Standard	DIN EN ISO 6789
Connection format	Push-through square drive (ratchet)
Measurement process	Torque
Lever length including factory calibration reference dimension [ $l_3$ ]	357 mm
Adjustable trigger value	adjustable
Reversible reading	Nm
Reversible reading	lbfft
Reversible reading	lbfin
Reversible reading	kgf-cm
Feedback	triggering
Trigger principle	mechanical short-travel release

## Data sheet

Overall length L	474 mm
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

### Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/656650-200>