



## Electromechanical torque wrench, maximum torque: 100N·m



### Order data

Order number	655290 100
GTIN	4018754175642
Item class	63A

### Description

#### Version:

Unique electro-mechanical wrench, which combines both the **"displaying"** and **"triggering"** functions in a single device. When the set torque is reached the wrench triggers, with acoustic and tactile signals like a conventional mechanical torque wrench. In addition the value achieved is displayed and can be transferred to a PC. The additional "displaying" mode provides a continuous visual indication to the user of the torque that is being applied. Saves and documents up to 7500 screw tightening events. An automatic key lock prevents accidental changes to the settings. A PIN code can be entered to prevent unauthorised changes to the settings. The wrench offers a very wide measurement range. Integrated automatic reminder of calibration after the number of operations and elapsed time.

**Units of measure:** Nm, lbfft, lbfin.

- **Easy input of pitch settings: For plug-in heads with a different reference dimension, simply input the new dimension. No laborious calculations with formulae.**
- **QuickRelease: Secure engagement and quick change of plug-in heads.**
- **Robust, compact body.**
- **Tolerance limit settings, shown clearly on a display with colour changes.**
- **Very simple operation; complete use and menu selection with just 4 buttons.**
- **2-component handle, resistant to oils, greases, fuels, brake fluids, and Skydrol.**
- **USB interface for exporting the data.**

With reversible plug-in ratchet.

#### 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:**

Sturdy plastic box (sizes 100 and 200) and sturdy metal box (from size 400) with 2 batteries (1.5 V mignon / AA / LR6).

**Optional extras:**

USB adapter, cable with latching plug, SENSOMASTER 4 software.

**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
maximum torque	100 Nm
Socket for plug-in head	9×12 mm
Weight	1232 g
Resolution	0.1 Nm
Adjustment resolution	0.2 Nm
Torque measuring accuracy	±2 %
Exchangeable tool	Plug-in head
Torque range	10 - 100 Nm
Torque range	7.4 - 75 lbfft
Article no of the battery / rechargeable battery fitted	081561 LR6
Number of batteries contained	2
Torque range	90 - 900 lbfin
Series	MANOSKOP® 730DR
Lever length without plug-in head [l <sub>1</sub> ]	426.5 mm
Trigger principle	mechanical short-travel release
Feedback	visning
Feedback	udløsning
Feedback	acoustic signal
Overall length L	500 mm

Standard	DIN EN ISO 6789
Connection format	for plug-in heads (rectangular socket)
Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]	17.5 mm
Display	digital
Lever length including factory calibration reference dimension [l <sub>3</sub> ]	444 mm
Reversible reading	Nm
Reversible reading	lbf·in
Reversible reading	lbf·ft
Measurement process	Torque
Setting the trigger value	digital, adjustable
Adjustable trigger value	adjustable
Calibration	O1
Direction of tightening	For right- and left-hand tightening
Test certificate	Manufacturer's test certificate
Interface	USB interface
Data can be recorded	yes
Measurement technology	electronic
Release signalling	optisk
Release signalling	akustisk
Release signalling	haptisk
Battery type	Mignon, AA
Power supply	Battery-powered
Quick release/ quick-change function	yes
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

## Accessories

Alkaline-manganese batteries International size LR6	081561 LR6
Alkaline-manganese batteries International size LR6	081551 LR6
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657600 1-3/8
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-1/2 in	657590 1-1/2
Plug-in ratchet reversible Type-Square drive 1-1/4 in	657600 1-1/4
Plug-in ratchet reversible Type-Square drive 1-1/2 in	657600 1-1/2
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-3/8 in	657590 1-3/8
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-1/4 in	657590 1-1/4