



Electronic torque wrench / rotational angle wrench, maximum torque: 60 Nm



Order data

Order number	655270 60
GTIN	4018754156504
Item class	63A

Description

Version:

- Robust, compact body.
- Easy and flexible operation with menu selection on a large display.
- Recurrent screw settings can be collected on to a menu driven procedure.
- Especially large measuring range (5% – 100% of the nominal value).
- Adjustable early warning of the visual, tactile and acoustic signals.
- Resistant to oils, grease, fuel, brake fluid and Skydrol.
- Programmable using a PC.
- Easy to maintain due to simple adjustment.
- Integrated automatic reminder of calibration after the number of operations and elapsed time.
- Password protection against inadvertent change of settings and tampering.
- With 2 batteries (1.5 V mignon / AA / LR6).
- Torque and rotational angle both displayed at the same time.
- Convenient rotation angle measurement, no need for a reference arm.

Units of measure: N·m, lbf·ft, lbf·in.

- 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.
- Rotation angle measurement needs no reference arm.
- Easy to use: All functions can be selected using the arrow keys. Clear and simple controls.
- Warning signals: Warning signals can be selected as audible (buzzer), tactile (vibration in the handle), visual (LEDs and display) or any combination of these. The early warning point can be entered individually.
- Any point of application of force: The measurement remains precise in all cases, irrespective of where you grip the torque wrench.
- Data output: The USB interface allows the saved data to be read out and analysed via PC.
- Background illumination of the display for better legibility and evaluation of the screwing process (traffic light principle).

Standard:

Geprüft nach DIN EN ISO 6789.

Supplied with:

Sturdy plastic box (size 400 in sturdy sheet metal box) and 2 batteries (1.5V mignon / AA / LR6).

Optional extras:

USB adapter, cable with latching plug and 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.

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

Torque measuring accuracy: ± 1 %

Measuring accuracy rotational angle: ± 1 %

Exchangeable tool: Plug-in head

Interface: USB interface

Test certificate: Manufacturer's test certificate

Overall length L: 378 mm

Torque range: 3 - 60 Nm

Torque range: 2.5 - 44 lbfft

Torque range: 27 - 540 lbfin

Resolution: 0.01 Nm

Weight: 856 g

Technical description

Weight	856 g
Square drive	3/8 inch
Resolution	0.01 Nm
Socket for plug-in head	9×12 mm
Packaging	sturdy sheet metal case
maximum torque	60 Nm
Torque measuring accuracy	± 1 %
Exchangeable tool	Plug-in head
Torque range	3 - 60 Nm
Torque range	2.5 - 44 lbfft
Number of batteries contained	2
Article no of the battery / rechargeable battery fitted	081561 LR6
Torque range	27 - 540 lbfin

Series	SENSOTORK® 713R
Adjustable trigger value	adjustable
Measurement process	Torque
Measurement process	Rotation angle
Connection format	for plug-in heads (rectangular socket)
Lever length without plug-in head [l ₁]	299 mm
Reversible reading	Nm
Reversible reading	lbfin
Reversible reading	lbfft
Display	digital
Trigger principle	Vibration motor
Adjusted reference dimension on the torque wrench [l ₂]	17.5 mm
Feedback	displaying
Setting the trigger value	digital, adjustable
Overall length L	378 mm
Lever length including factory calibration reference dimension [l ₃]	316.5 mm
Standard	DIN EN ISO 6789
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
Battery type	Mignon, AA

Power supply	Battery-powered
Type of product	Torque Wrench

Services

Labelling laser-etched Type	018940
Calibration Rotation angle	018850
Calibration Torque wrench both ends maximum torque 400/2 Nm	018821 400/2

Accessories

Plug-in ratchet reversible Type-Square drive 1-1/4 inch	657600 1-1/4
Plug-in ratchet reversible with QuickRelease ejector Type-Square drive 1-1/2 inch	657590 1-1/2
Alkaline manganese battery set International size LR6	081557 LR6
USB adapter cable and software for No. 655270	655282
Plug-in ratchet reversible with QuickRelease ejector Type-Square drive 1-1/4 inch	657590 1-1/4
Alkaline manganese battery set International size LR6	081558 LR6
Plug-in ratchet reversible Type-Square drive 1-1/2 inch	657600 1-1/2
Plug-in ratchet reversible Type-Square drive 1-3/8 inch	657600 1-3/8
Plug-in ratchet reversible with QuickRelease ejector Type-Square drive 1-3/8 inch	657590 1-3/8
Alkaline-manganese batteries International size LR6	081556 LR6
Alkaline-manganese batteries International size LR6	081561 LR6
Alkaline-manganese batteries International size LR6	081551 LR6