



Electronic torque wrench / rotational angle wrench, maximum torque: 200 Nm



Order data

Order number	655270 200
GTIN	4018754156511
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: 608 mm

Torque range: 10 - 200 Nm

Torque range: 7 - 148 lbfft

Torque range: 90 - 1800 lbfin

Resolution: 0.01 Nm

Weight: 1552 g

Technical description

Weight	1552 g
Square drive	1/2 inch
Packaging	sturdy sheet metal case
maximum torque	200 Nm
Socket for plug-in head	14×18 mm
Resolution	0.01 Nm
Torque measuring accuracy	± 1 %
Exchangeable tool	Plug-in head
Torque range	10 - 200 Nm
Torque range	7 - 148 lbfft
Article no of the battery / rechargeable battery fitted	081561 LR6
Number of batteries contained	2

Torque range	90 - 1800 lbfin
Series	SENSOTORK® 713R
Lever length without plug-in head [l ₁]	524 mm
Trigger principle	Vibration motor
Measurement process	Torque
Measurement process	Rotation angle
Reversible reading	Nm
Reversible reading	lbfin
Reversible reading	lbfft
Display	digital
Standard	DIN EN ISO 6789
Setting the trigger value	digital, adjustable
Adjusted reference dimension on the torque wrench [l ₂]	25 mm
Lever length including factory calibration reference dimension [l ₃]	549 mm
Adjustable trigger value	adjustable
Feedback	displaying
Overall length L	608 mm
Connection format	for plug-in heads (rectangular socket)
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
DAkkS calibration Torque wrench both ends maximum torque 1000/2 Nm	018831 1000/2

Accessories

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