

MANOSKOP® tightening angle torque wrenches w.mount for insert tools

714



Art.No. **96500100**
 GTIN **4018754222773**
 Model **714/100**

Label.

Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 100-1000N·m
 Output L. 1343mm

Features.

- 4 measuring modes (torque, angle of rotation, torque with control variable angle of rotation, angle of rotation with control variable torque)
- high-resolution colour graphic display with additional lateral signal lights
- free configurable menu structure
- optional: Li-ion battery no. 7195-2 and charger no. 7160
- 3 function modes: triggering, peak hold (indicating operation with peak value display) and track (indicating operation with momentary value display)
- Micro-USB interface
- Bayonet catch for battery compartment
- QuickRelease safety lock - exchange system for insert.wkz.
- Data storage (= 2. 500 tightening operations)
- up to 200 tightening operations in a maximum of 25 sequence plans are programmable
- different tolerance limits can be set depending on the tightening operation
- acoustic and visual evaluation of the tightening operation
- quick and precise setting via keypad
- no unintended adjustment by automatic key lock
- overload protection by acoustic and optical warning signal as well as forced release (right)
- automatic indication of the next calibration date according to time and/or number of loads
- fully automatic calibration and adjustment with the perfectControl® calibration and adjustment device no. 7794-2 (torque) or 7794-3 (torque and angle of rotation)
- Units of measurement: N·m, ft·lb, in·lb
- automatically correct tightening torque after entering a deviating stitch size
- immediately ready for operation again after unloading
- Right and left tightening - for left tightening in function mode triggering may be necessary. the insertion tool must be turned by 180°
- sensible and audible trigger signal
- torque and angle of rotation visible at the same time
- measurement independent of the point of force application (Gr. 1, 2 and 4)

- safe handling due to ergonomically shaped handle (resistant to oils, greases, fuels, brake fluids and Skydrol)
- 3 certificates (torque indicating/releasing according to DIN EN ISO 6789-2:2017, angle of rotation)
- in sturdy plastic box (Gr. 40-100 in sheet steel case)
- registered design, patented
- Supplied with SENSOMASTER 4 software, USB cable, 4 AAA/LR03 micro batteries, 1.5 V. Micro NiMH rechargeable batteries AAA, 1.2 V, can be used
- Display resolution angle of rotation 0.1°
- **Display deviation angle of rotation $\pm 1^\circ \pm 1$ digit up to 100°, >100° at least 1% ± 1 digit**
- Display resolution torque = 60 N-m: 0.01 N-m; &60 N-m: 0.1 N-m
- **Display deviation torque $\pm 2\%$, ± 1 digit**

Advantages.

4 measuring modes (torque, angle, torque backed up by angle, angle backed up by torque)

Product highlights.



Electromechanical triggering.

The best of both worlds: electromechanical torque wrenches from STAHLWILLE combine the uncompromising accuracy of an electronic torque tool with the comforting tactile feedback of a mechanical trigger mechanism.



Safe.

Increased fastener quality – including the angle of turn as the second measured quantity makes the bolted joint even more secure.



Audited.

All our angle-controlled torque wrenches have a logging function. Using the corresponding software (this is an optional extra), it is possible to read out programmed, stored readings and archive them on the PC – for example by the serial number of the tool, date and timestamp of the tightening operation, target torque and angle and the torques and angles actually recorded.



Accurat.

Accuracy counts – uncertainty is reduced to a minimum to guarantee accurate readings.



Made to measure.

Four measuring modes (torque, angle, torque backed up by angle, angle backed up by torque).



Versatile.

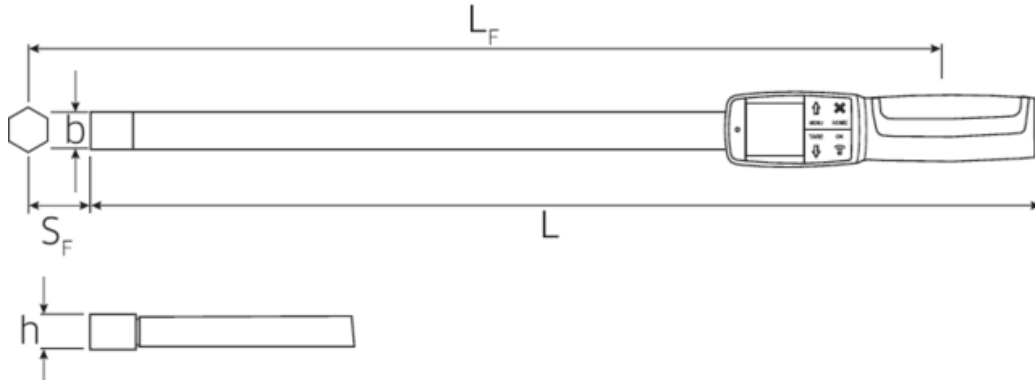
Three function modes: first peak, peak (indicating mode) and track (indicating mode).



HD-Display.

High-denition colour display providing a reading angle up to 170° and with additional side-mounted indicator lamps. Yellow lamp: advance warning threshold reached green lamp: within the target range red lamp: reading is outside the tolerance range.

Technical Drawing.



Technical Attributes.

Akku-Typ	Micro-NiMH AAA, 1.2V
Battery type	Micro (AAA) 1,5V
Width mm (b)	30,6 mm
Weight with box	10500 g
Size	100
Size hexagon socket [internal square]	22 x 28 mm
Height mm (h)	25,6 mm
Length mm (L)	1343 mm
LF	1343 mm
Measuring range ft·lb	74-750 ft·lb
Measuring range in·lb	900-9000 in·lb
Measuring range N·m	100-1000 N·m
SF	55 mm

Logistics data.

Length (IFS)	1530
Width (IFS)	130
Height (IFS)	100
Length (packed, mm)	1530
Width (packed, mm)	130
Height (packed, mm)	100
Volume (packed, mm)	19.89 dm ³
Artikelnummer	96500100
Weight (gross, kg)	10,500
Weight PAP (kg)	0,650
Weight PVC (kg)	0,000
GTIN	4018754222773
Country of origin	GERMANY
Region of origin	Nordrhein-Westfalen
WEEE/Electrical Act	Großgeräte B2C
Customs tariff no.	82041100
Numbers of content units per order units	1
Weight	4990 g

Parts list.



59220003
Battery

51110057
USB cable

Variants.

Artikelnummer	Article number (ERP)	Article description (Autom.)	GTIN
96500901	714/ 1	Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 1-10N·m Output L. 226mm	4018754222780
96500902	714/ 2	Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 2-20N·m Output L. 226mm	4018754222797
96500904	714/ 4	Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 4-40N·m Output L. 252mm	4018754222803
96500906	714/ 6	Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 6-60N·m Output L. 393mm	4018754222810
96500910	714/10	Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 10-100N·m Output L. 466mm	4018754222827
96500920	714/20	Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 20-200N·m Output L. 547mm	4018754222834
96500940	714/40	Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 40-400N·m Output L. 687mm	4018754222841
96500965	714/65	Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 65-650N·m Output L. 890mm	4018754222858
96500980	714/80	Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 80-800N·m Output L. 1158mm	4018754222865
96500100	714/100	Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 100-1000N·m Output L. 1343mm	4018754222773

GTIN-Code.



Accessories.



96521161
Interface adaptor set



52110061
Interface adaptor



52110220
Bluetooth modules for
torque wrench