

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

714



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

Label.

MANOSKOP tightening angle torque wrenches w.mount for insert tools No. 714
 Values only for in-lb 100-1000Nm Output L. 1343mm

Description.

- 4 measuring modes (torque, angle, torque backed up by angle, angle backed up by torque)
- high-definition colour display with additional side-mounted indicator lamps
- freely configurable menu structure
- optionally: Li-ion battery No 7195-2 and charger No 7160
- 3 function modes: cut-out, peak hold (indicating mode with peak value) and track (indicating mode with current value)
- micro USB interface
- bayonet connection for battery compartment
- QuickRelease safety lock change system for insert tools
- data storage (≤ 2500 tightening jobs)
- as many as 200 joints can be programmed in up to 25 preset sequences
- different tolerance limits can be set for each joint
- acoustic and visual assessment of the joint
- rapid, accurate setting via keypad
- the automatic keypad lock prevents inadvertent changes
- overload protection by means of acoustic and visual signals and a fail-safe system (clockwise)
- automatic notification of the next calibration date, either by the number of joints or the time interval
- fully automated calibrating and adjusting using the perfectControl® calibrating and adjusting unit No 7794-2 (torque) or 7794-3 (torque and angle)
- units of measure: N·m, ft·lb, in·lb
- tightening torque is automatically corrected if a deviating extension is entered
- immediately reusable after release
- clockwise and anticlockwise tightening – it may be necessary to refit the insert tool rotated through 180° for anticlockwise tightening in the cut-out mode
- tactile and acoustic trigger signal
- torque and angle are simultaneously visible
- all readings are independent of the point of application of force (with sizes 1, 2 and 4)
- safe handling due to ergonomically designed handle (resistant to oils, grease, fuels, brake fluid and skydrol)

- 3 certificates (torque indicating/clicking in accordance with DIN EN ISO 6789-2:2017, angle)
- in sturdy plastic box (size 40-100 in steel box)
- design patent, patent
- supplied with SENSOMASTER 4 software, USB cable, 4 AAA/LR03 micro-batteries, 1.5 V. AAA, 1.2 V, micro NiMH rechargeable batteries can be used
- display resolution, angle 0.1°
- **display deviation value, angle $\pm 1\%$, ± 1 digit**
- display resolution, torque ≤ 60 N·m: 0.01 N·m; > 60 N·m: 0.1 N·m; > 400 N·m: 1 N·m
- **display deviation value, torque $\pm 2\%$, ± 1 digit**

Advantages.

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

Technical Drawing.



Technical Attributes.

Breite mm (b)	30,6 mm
Weight with box	10500 g
Size	100
Size hexagon socket [internal square]	22x28 mm
Height mm (h)	25,6 mm
Länge mm (l)	1343 mm
LF	1343 mm
Measuring range ft·lb	74-750 ft·lb
Measuring range N·m	100-1000 N·m
SF	55 mm

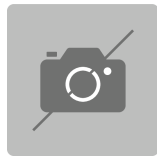
Logistics data.

Length (IFS)	1530
Width (IFS)	130
Height (IFS)	100
Length (packed, mm)	1530
Width (packed, mm)	130
Höhe (verpackt, mm)	100
Code	96500100
Weight	4990 g
Weight (gross, kg)	10,500
Weight PAP (kg)	0,650
Weight PVC (kg)	0,000
GTIN	4018754222773
Numbers of content units per order units	1
Country of origin	GERMANY
Region of origin	Nordrhein-Westfalen
Customs tariff no.	82041100

Parts list.



59220003
Battery



51110057
USB cable

Varianten.

Code	Article number (ERP)	Article description (Autom.)	GTIN
96500901	714/ 1	MANOSKOP tightening angle torque wrenches w.mount for insert tools No. 714 Values only for in-lb 1-10Nm Output L. 226mm	4018754222780
96500902	714/ 2	MANOSKOP tightening angle torque wrenches w.mount for insert tools No. 714 Values only for in-lb 2-20Nm Output L. 226mm	4018754222797
96500904	714/ 4	MANOSKOP tightening angle torque wrenches w.mount for insert tools No. 714 Values only for in-lb 4-40Nm Output L. 252mm	4018754222803
96500906	714/ 6	MANOSKOP tightening angle torque wrenches w.mount for insert tools No. 714 Values only for in-lb 6-60Nm Output L. 393mm	4018754222810
96500910	714/10	MANOSKOP tightening angle torque wrenches w.mount for insert tools No. 714 Values only for in-lb 10-100Nm Output L. 466mm	4018754222827
96500920	714/20	MANOSKOP tightening angle torque wrenches w.mount for insert tools No. 714 Values only for in-lb 20-200Nm Output L. 547mm	4018754222834
96500940	714/40	MANOSKOP tightening angle torque wrenches w.mount for insert tools No. 714 Values only for in-lb 40-400Nm Output L. 687mm	4018754222841
96500965	714/65	MANOSKOP tightening angle torque wrenches w.mount for insert tools No. 714 Values only for in-lb 65-650Nm Output L. 890mm	4018754222858
96500980	714/80	MANOSKOP tightening angle torque wrenches w.mount for insert tools No.	4018754222865

714 Values only for in-lb 80-800Nm
Output L. 1158mm

96500100 714/100

MANOSKOP tightening angle torque
wrenches w.mount for insert tools No.
714 Values only for in-lb 100-1000Nm
Output L. 1343mm

4018754222773

GTIN-Code.



Accessories.



96521161
Interface adaptor set



52110061
Interface adaptor

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