STAHLWILLE®

Electromechanical torque wrenches Service/Series MANOSKOP®

730D

Product no.	**96501740**
GTIN	**4018754180332**
Model	**MANOSKOP® 730D/40**

Label.

Electromechanical torque wrench MANOSKOP® 730D 40-400N·m 14 x 18 mm L. 688mm

Properties.

- patented electromechanical release
- acoustic and visual trigger signal
- mount for interchangeable insert tools
- QuickRelease safety lock
- quick setup via a convenient keypad
- extension length compensation function: automatic compensation of the tightening torque when a deviating extension length is entered
- overload protection by acoustic and optical warning signals
- automatic key lock prevents accidental adjustment of settings
- indicating mode functions in both directions
- units of measurement: N·m, ft·lb, in·lb
- different tolerance limits adjustable depending on the type of bolted joint
- optical evaluation of the results by green and red display
- additional locking of the presets (function mode, trigger or target value, unit of measure, tolerance value, saving, extension length) by PIN
- stores up to 7,500 results
- USB interface
- automatic warning of the next calibration date
- optimal calibration with perfectControl® calibration systems No. 7794 or calibration systems No. 7706, 7791
- in sturdy plastic box (sizes 40-100 in steel box)
- supplied with 2 x 1.5 V AA batteries. NiMH batteries AA/LR6, 1.2 V, can be used
- 2-component handle
- calibration certificate in accordance with DIN EN ISO 6789-2:2017
- **accuracy ± 2%, ± 1 digit**

Benefits.

With patented electromechanical release: precise electronic measurement combined with the familiar mechanical ‘click’.

Easy documentation of the measured values on a PC via the USB interface.

Automatic correction of the tightening torque for varying centre distances for error-free working with different insert tools.

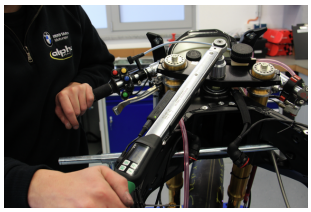
Visual evaluation of the bolted connection.

Adjustment and logical menu navigation are carried out via a clearly arranged and intuitive 4-button keypad.

Product highlights.

Electromechanical cycle.
The MANOSKOP® with patented electromechanical cycle control measures the applied torque electronically. A visual evaluation of the bolted connection is provided by a display and signal lights on the side. Unlike a purely electronic torque wrench, the cycle and haptic user feedback are mechanical. A clearly perceptible cycle and an equally audible click indicate that the target value has been reached.

Comprehensive documentation.
Our electromechanical torque wrenches are documentation-compatible. They can be easily configured and programmed using the SensoMaster software. This allows all data to be read out, stored and further processed on a PC for better monitoring and optimisation of work processes. In addition, digital measurement enables precise cycling at the setpoint and documentation of the actual torque (actual value) applied during tightening.



Even for difficult areas of application.
STAHLWILLE electromechanical torque wrenches are ideal for areas of application where electronic torque wrenches reach the limits of their signalling capabilities - for example, when working overhead or when the display cannot be read. Even in loud, busy and very bright environments, where vibrations or optical and acoustic signals are difficult to perceive, electromechanical torque wrenches can indicate when the target value has been reached thanks to their patented haptic feedback.

Greater safety.
Our electromechanical torque wrenches minimise operating errors. For example, they can be used to parameterise and save bolted connections. The torque wrench then automatically sets the trigger torque for the selected bolted connection. The clicking torque is also specified digitally with precision, ruling out parallax effects (errors caused by an incorrect reading angle), which are possible when using a mechanical scale.

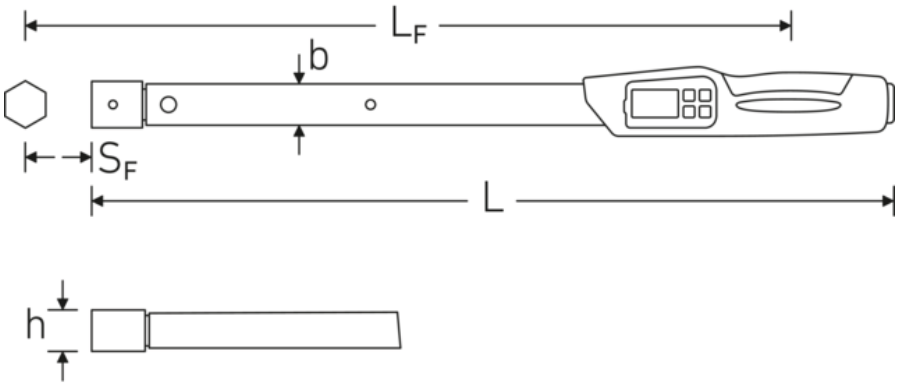
Intuitive operation with a clear display.
The LCD is easy to read and visually evaluates the bolted connection using coloured indicators. The keyboard, reduced to 4 keys, allows quick and error-free adjustment of all important parameters - from torque value, unit of measurement and tolerance limits to the storage of deviating reference dimensions.

Technologies and features.

2-component handle
Our 2-component handle is non-slip and ergonomically designed. It is resistant to the most common oils, greases, fuels, brake fluids, and Skydrol. The arrow markings on the handle indicate the direction of operation.

DIN EN ISO 6789-2
Our torque wrenches and torque screwdrivers are professionally calibrated in accordance with DIN EN ISO 6789-2 and delivered with a corresponding calibration certificate. We also calibrate angle-controlled torque wrenches in accordance with VDI 2648-2. This ensures the accuracy and traceability of our tools.

Technical drawing.



Technical attributes.

Size	40
Anzeigeabweichung	± 2 %, ± 1 Digit
Tool holder size [internal square]	14 x 18 mm
Measuring range N·m	40-400 N·m
Measuring range ft-lb	30-300 ft·lb

Logistics data.

Product no.	96501740
GTIN	4018754180332
Weight (g)	3300 g
Volume (packaged, dm3)	5.457 dm3
Packing standard	1
WEEE/ElektroG	Großgeräte B2C

Measuring range in-lb	360-3600 in·lb
MA N·m	40 N·m
Nominal value N·m	400 N·m
Length mm (L)	688 mm
Width mm (b)	28 mm
Height mm (h)	23 mm
Battery type	Mignon (AA) 1,5V
DIN	DIN EN ISO 6789-2:2017
Setting display resolution N·m	1,0/0,1 N·m
Adjustment display resolution ft-lb	1,0/0,1 ft·lb
Adjustment display resolution in-lb	10/1,0 in·lb
LF	655 mm
SF	25 mm
Weight with box	5155 g

Customs tariff no.	82041100
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
Depth mm (IFS)	1050
Width mm (IFS)	140
Height mm (IFS)	105
Weight (gross, kg)	5,500
Weight PAP (kg)	0,500
Weight PVC (kg)	0,000
Length (packaged, mm)	1070
Width (packaged, mm)	85
Height (packaging, mm)	60

Parts list.

59220004

81370004

GTIN.

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