STAHLWILLE®

Electromechanical torque wrenches Service/Series MANOSKOP®

730DR

Product no.	**96501800**
GTIN	**4018754240050**
Model	**730DR/100**

Label.

Electromechanical torque wrench Service/Series MANOSKOP® 730DR 100-1000N·m 3/4" L. 1439mm

Properties.

- includes reversible ratchet No. 735
- 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 result 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
- with 2-component handle
- calibration certificate in accordance with DIN EN ISO 6789-2:2017
- **accuracy ± 2%, ± 1 digit**

Benefits.

With patented electromechanical cycle: 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.

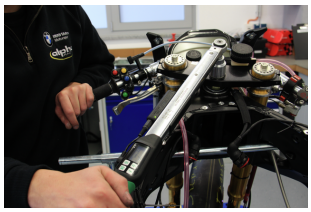
Optical evaluation of the bolted connection.

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.

Interchangeable insert tools.
You receive our MANOSKOP® including a reversible ratchet. This is not permanently installed and can be replaced with other insert tools for your individual application.

Technologies and features.

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.

QuickRelease
The QuickRelease safety lock prevents unintentional loss of sockets and insert tools. These click securely into place, and are only released again at the push of a button for a quick tool change. In transducers: The QuickRelease safety lock helps you to quickly mount and change transducers. The transducers lock into the calibration system and only unlock again at the push of the buttons.

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.

Technical attributes.

Size	100
Anzeigeabweichung	± 2 %, ± 1 Digit
Tool holder size [internal square]	22 x 28 mm
Measuring range N·m	100-1000 N·m
Measuring range ft-lb	74-750 ft·lb
Measuring range in-lb	900-9000 in·lb
MA N·m	100 N·m
Nominal value N·m	1000 N·m
External square drive (inch)	3/4
Length mm (L)	1439 mm
Width mm (b)	120 mm
Height mm (h)	100 mm
Number of teeth	30
External square [inch]	3/4 "
Battery type	Mignon (AA) 1,5V

Logistics data.

Product no.	96501800
GTIN	4018754240050
Weight (g)	6910 g
Volume (packaged, dm3)	18.12 dm3
Packing standard	1
WEEE/ElektroG	Großgeräte B2C
Customs tariff no.	82041100
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
Depth mm (IFS)	1510
Width mm (IFS)	120
Height mm (IFS)	100
Weight (gross, kg)	12,500
Weight PAP (kg)	0,650
Weight PVC (kg)	0,000
Length (packaged, mm)	1510

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
Weight with box	12500 g
Width (packaged, mm)	120
Height (packaging, mm)	100

Parts list.

59220004

GTIN.

4 018754 240050

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