



## Electromechanical torque screwdriver

### TORSIOTRONIC 1,2

Product no.	96510712
GTIN	4018754299393
Model	TORSIOTRONIC 1,2



#### Label.

Electromechanical torque screwdriver TORSIOTRONIC 1,2 Measuring r. 12-120 cN·m 1/4 "

#### Properties.

- indicating and clicking type
- for clockwise and counter-clockwise tightening
- visual, acoustic, and haptic stop signal
- with 1/4" external square drive (6.3 DIN 3120/ISO 1174-1) and integrated ratchet function with 80 teeth, ratchet angle of 4.5°, for 1/4" sockets
- after triggering, the clutch mechanism prevents unintended overshooting of the set tightening torque and overtightening of the screw is not possible
- bright and energy-efficient OLED - readable from virtually any angle
- optical evaluation of the applied torque by traffic light colours on the display and LEDs at the side
- supported languages: DE, EN, IT, FR, ES
- stores up to 2,500 joint and sequence results, for transfer to the PC via an integrated micro-USB interface
- tolerances for evaluation purposes can be set individually
- short training time thanks to intuitive controls and an easy-to-understand menu structure
- three operating modes (Click, Track, Peak-Hold)
- bolted joints and sequences can be programmed
- with a 1/4" inner square at the end of the handle (6.3 DIN 3120/ISO 1174-1) for accommodating a 1/4" T-handle
- units of measurement: cN·m, N·m, ft·lb, in·lb, in·oz
- includes: software SensoMaster 4, USB cable, bit holder, T-handle (size 10), supplied with lithium battery 3.6 V, type 18650, packed according to UN 3481
- the GEN3 version can charge the installed battery via the micro USB cable
- long battery life with battery-saving standby mode
- the batteries are quick and easy to change.
- supplied with 3.6 V lithium battery, type 18650, packaged according to UN 3481
- with 2-component handle
- patented
- in a sturdy plastic box
- calibration certificate in accordance with DIN EN ISO 6789-2:2017
- **accuracy ± 4%**

## Benefits.

Reliable torque screwdriver for precise measurements in the low torque range.

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

Visual evaluation of the bolted connection.

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

The integrated bit ratchet with 80 teeth allows a low working angle of only 4.5° and thus particularly fine-grained work.

## Product highlights.



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IN PROGRESS

### Electromechanical cycle.

The TORSIOTRONIC® is the first electromechanical torque screwdriver on the market. It measures the applied torque electronically. The display and signal lights on the side provide a visual assessment of the bolted connection. 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.



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### Maximum precision with minimum torque.

Our torque screwdriver is ideal for bolted connections with low torques starting at just 0.12 N·m. Low accuracy ensures precise screw tightening.



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### Complete documentation.

Our TORSIOTRONIC® is documentation-compatible. It 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.



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### Even for difficult areas of application.

The electromechanical STAHLWILLE torque screwdriver is ideal for areas of application in which electronic torque screwdrivers 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, our TORSIOTRONIC® can communicate when the target value has been reached thanks to its patented haptic feedback.



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### Secure tightening.

Our electromechanical torque screwdriver minimises operating errors. This allows bolted connections and sequence plans to be parameterised and saved in advance. The torque screwdriver then automatically sets the trigger torque for the selected bolted connection. After triggering, the slip mechanism prevents the set tightening torque from being exceeded and the screw from being overtightened.



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### Intuitive operation with a clear display.

The bright OLED colour display ensures that all relevant information is clearly visible and can be read from almost any angle. Together with the simple menu structure, this enables fast and intuitive operation.

## 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.

## Technical attributes.

Measuring range N·m	0,12-1,2 N·m
Measuring range cN·m	12-120 cN·m
Measuring range ft·lb	0,08-0,885 ft·lb
Measuring range in·lb	1,06-10,7 in·lb
Measuring range in·oz	16,9-169,9 in·oz
Battery type	Lithium 3.6 V type 18650
DIN	DIN 3120 / ISO 1174-1
internal hex drive [inch]	1/4 "
Length mm (L)	317 mm

## Logistics data.

Depth mm (IFS)	415
Width mm (IFS)	228
Height mm (IFS)	65
WEEE/ElektroG	Kleingeräte B2C
Length (packaged, mm)	415
Width (packaged, mm)	228
Height (packaging, mm)	65
Volume (packaged, dm <sup>3</sup> )	6.1503 dm <sup>3</sup>
Product no.	96510712
Weight (gross, kg)	1,642
Weight PAP (kg)	0,150
Weight PVC (kg)	0,000
GTIN	4018754299393
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen

<b>Customs tariff no.</b>	82041100
<b>Packing standard</b>	1
<b>Weight (g)</b>	569 g

## Variants.

Product no.	Model No. (ERP)	Description	GTIN
96510712	TORSIOTRONIC 1,2	Electromechanical torque screwdriver TORSIOTRONIC 1,2 Measuring r. 12-120 cN·m 1/4 "	4018754299393
96510730	TORSIOTRONIC 3	Electromechanical torque screwdriver TORSIOTRONIC 3 Measuring r. 30-300 cN·m 1/4 "	4018754299409
96510760	TORSIOTRONIC 6	Electromechanical torque screwdriver TORSIOTRONIC 6 Measuring r. 60-600 cN·m 1/4 "	4018754299416
96510700	TORSIOTRONIC 10	Electromechanical torque screwdriver TORSIOTRONIC 10 Measuring r. 100-1000 cN·m 1/4 "	4018754299386
96511712	TORSIOTRONIC 1,2 NO BATTERY	Electromechanical torque screwdriver TORSIOTRONIC 1,2 no battery Measuring r. 12-120 cN·m 1/4 "	4018754299430
96511730	TORSIOTRONIC 3 NO BATTERY	Electromechanical torque screwdriver TORSIOTRONIC 3 no battery Measuring r. 30-300 cN·m 1/4 "	4018754299447
96511760	TORSIOTRONIC 6 NO BATTERY	Electromechanical torque screwdriver TORSIOTRONIC 6 no battery Measuring r. 60-600 cN·m 1/4 "	4018754299454
96511700	TORSIOTRONIC 10 NO BATTERY	Electromechanical torque screwdriver TORSIOTRONIC 10 no battery Measuring r. 100-1000 cN·m 1/4 "	4018754299423

## GTIN.



## Accessories (for).



54100062  
Charger Lithium 2