



## Electromechanical torque screwdriver

### TORSIOTRONIC 3 no battery

|             |                           |
|-------------|---------------------------|
| Product no. | 96511730                  |
| GTIN        | 4018754299447             |
| Model       | TORSIOTRONIC 3 NO BATTERY |



#### Label.

Electromechanical torque screwdriver TORSIOTRONIC 3 no battery Measuring r.  
30-300 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 side mounted LEDs
- 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  $\pm 4\%$**

## 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.



PRODUCT IMAGE  
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.



PRODUCT IMAGE  
IN PROGRESS

### 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.



PRODUCT IMAGE  
IN PROGRESS

### 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.



PRODUCT IMAGE  
IN PROGRESS

### 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.



PRODUCT IMAGE  
IN PROGRESS

### 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.



PRODUCT IMAGE  
IN PROGRESS

### 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       | 0.3-3 N·m             |
| Measuring range cN·m      | 30-300 cN·m           |
| Measuring range ft·lb     | 0,2-2,3 ft·lb         |
| Measuring range in·lb     | 2,6-26,6 in·lb        |
| Measuring range in·oz     | 42-425 in·oz          |
| DIN                       | DIN 3120 / ISO 1174-1 |
| internal hex drive [inch] | 1/4 "                 |
| Length mm (L)             | 317 mm                |

## Logistics data.

|                        |                     |
|------------------------|---------------------|
| Depth mm (IFS)         | 420                 |
| Width mm (IFS)         | 225                 |
| Height mm (IFS)        | 65                  |
| WEEE/ElektroG          | Kleingeräte B2C     |
| Length (packaged, mm)  | 420                 |
| Width (packaged, mm)   | 225                 |
| Height (packaging, mm) | 65                  |
| Volume (packaged, dm3) | 6.1425 dm3          |
| Product no.            | 96511730            |
| Weight (gross, kg)     | 1,594               |
| Weight PAP (kg)        | 0,150               |
| Weight PVC (kg)        | 0,000               |
| GTIN                   | 4018754299447       |
| Country of origin AWR  | GERMANY             |
| Region of origin       | Nordrhein-Westfalen |

Customs tariff no. 84672920

Packing standard 1

Weight (g) 524 g

## Parts list.



81271013  
Tool case



51110057  
USB cable



51070030  
Electromechanical  
torque screwdriver  
TORSIOTRONIC



11180010  
Bit holder

## 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

**STAHLWILLE Eduard Wille GmbH**

Lindenallee 27 · 42349 Wuppertal · Germany · Phone: +49 202 4791-0

[info@stahlwille.de](mailto:info@stahlwille.de) · [www.stahlwille.com](http://www.stahlwille.com)

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