



## Electronic workshop testing devices SENSOTORK®

**7707-1W**

Product no. **96521080**  
GTIN **4018754181148**  
Model **7707N-1W**



### Label.

Electronic workshop testing device SENSOTORK® Measuring r.0,4-20N·m Internal square drive 1/4"

### Properties.

- for testing indicating and clicking type torque wrenches
- compact electronic testing device consisting of:
  - 1 patented transducer
  - 1 safety lock
  - 1 display
  - 1 stand with 1.5 metre cable for the display unit
  - 1 spiral cable
  - 1 power supply (110-230 V with interchangeable plug adaptors)
  - 4 interchangeable square drive adaptors for the square drive
- large LCD for optimum readability
- horizontal or vertical orientation
- for controlled clockwise and counter-clockwise measurements
- 3 operating modes: running display of the applied torque (Track), display of the torque on click point detection (First-Peak), peak value display (Peak-Hold)
- additional control from the display of the actual tightened torque on clicking type torque wrenches
- with QuickRelease safety lock
- low transverse forces due to flat transducers
- automatic detection of transducers
- particularly large measurement range from about 2-100 % of the nominal value
- 3 measuring units (N·m, ft·lb, in·lb)
- software no. 7759-4, including USB adaptor and jack cable, allows the measured values to be transmitted to a PC (no additional external power source, power from the PC)
- when recalibrating the individual transducers, the test equipment remains operational on site
- complies with the specifications of guideline DKD-R 10-8
- with accredited calibration certificate
- delivered in a sturdy plastic box
- **accuracy  $\pm 1\%$**

## Benefits.

Electronic workshop testing device for checking and adjusting indicating and setting torque wrenches.

Measurement in the large torque range up to 1,100 N·m.

The interchangeable square adaptors stored in the base allow flexible use with standard square drive sizes.

Simple, quick and reliable testing of torque wrenches to ensure quality in production.

Simple changing of transducers enables quick adjustment to different measuring tasks and specific testing requirements.



## Product highlights.



PRODUCT IMAGE  
IN PROGRESS

### Flexible mounting.

Whether mounted horizontally or vertically - the well-designed mounting points, compact design and rotatable display allow flexible positioning anywhere in the workshop.



PRODUCT IMAGE  
IN PROGRESS

### Customised drive solution.

Up to 4 square adapters are integrated into the mounting block of the device, within easy reach, to enable flexible use with standard square drive sizes.



PRODUCT IMAGE  
IN PROGRESS

### Adaptive measuring system.

Our SENSOTORK® 7707W features easily interchangeable transducers. This gives it the ability to be customised for individual measurement requirements.



PRODUCT IMAGE  
IN PROGRESS

### Resistance to transverse forces.

The high level of accuracy is achieved by flat transducers and a special technology for immediate data processing directly in the transducer. Thanks to an integrated measurement amplifier, the testing device is resistant to bending moments and transverse forces.

## Technologies and features.



### QuickRelease

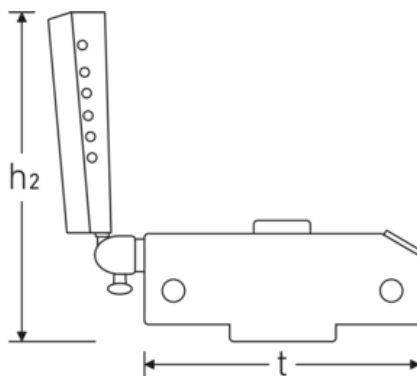
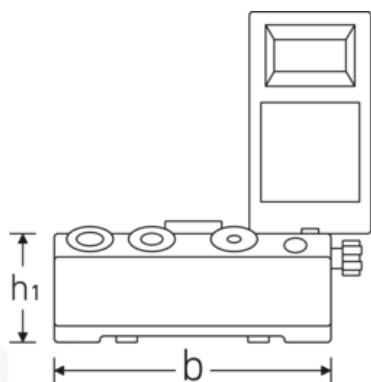
The QuickRelease safety lock helps you to quickly mount and change transducers. The sensors lock into the calibration system adapter and only unlock again at the push of a button.



### Factory calibration certificate (ISO calibration)

Our torque tools, transducers, and test equipment are delivered with a factory calibration certificate in accordance with DIN EN ISO 6789-2:2017, and based on DKD-R 10-8 for traceability of the measuring equipment.

## Technical drawing.



## Technical attributes.

Measuring range N·m	0,4-20 N·m
Internal square [inch]	1/4 "
Width mm (b)	180 mm

## Logistics data.

Depth mm (IFS)	430
Width mm (IFS)	335
Height mm (IFS)	170

<b>Weight with box</b>	9500 g	<b>WEEE/ElektroG</b>	Kleingeräte B2C
<b>Height mm (h1)</b>	79 mm	<b>Length (packaged, mm)</b>	430
<b>Height mm (h2)</b>	215 mm	<b>Width (packaged, mm)</b>	335
<b>Model No.</b>	7707-1W	<b>Height (packaging, mm)</b>	170
<b>t</b>	180 mm	<b>Volume (packaged, dm3)</b>	24.4885 dm3
		<b>Product no.</b>	96521080
		<b>Weight (gross, kg)</b>	9,500
		<b>Weight PAP (kg)</b>	0,016
		<b>Weight PVC (kg)</b>	0,000
		<b>GTIN</b>	4018754181148
		<b>Country of origin AWR</b>	GERMANY
		<b>Region of origin</b>	Nordrhein-Westfalen
		<b>Customs tariff no.</b>	90318080
		<b>Packing standard</b>	1
		<b>Weight (g)</b>	6255 g

## Variants.

Product no.	Model No. (ERP)	Description	GTIN
96521086	7707-1-3W	Electronic workshop testing device SENSOTORK® Measuring r.0,2-10N·m Internal square drive 1/4"	4018754241958
96521085	7707-1-2W	Electronic workshop testing device SENSOTORK® Measuring r.0,2-10N·m Internal square drive 1/4"	4018754241941
96521080	7707N-1W	Electronic workshop testing device SENSOTORK® Measuring r.0,4-20N·m Internal square drive 1/4"	4018754181148
96521072	7707-2W	Electronic workshop testing device SENSOTORK® Measuring r.2-100N·m Internal square drive 3/8"	4018754155781
96521083	7707-2-1W	Electronic workshop testing device SENSOTORK® Measuring r.4-200N·m Internal square drive 1/2"	4018754181162
96521084	7707-2-2W	Electronic workshop testing device SENSOTORK® Measuring r.8-400N·m Internal square drive 3/4"	4018754181179
96521082	7707N-3W	Electronic workshop testing device SENSOTORK® Measuring r.25-1100N·m Internal square drive 3/4"	4018754181155

GTIN.

