

Test mechanic for torque wrenches SCHATZ®-INSPECT

SCHATZ[®]
ADVANCED QUALITY



- precise torque wrench testing
- Wrench lengths from 100 up to 1000 mm
- Easy hand operation
- Exchangeable adapters for torque transducers
- Robust mechanism

Application

The testing device allows testing of torque wrenches up to a range of 300 N·m (220lb·ft) resp. up to 1000 N·m (740 lb·ft).

Through the hand wheel and the precisely selected gear ratio an uniform rotation is obtained.

In the case of dial torque wrenches the maximum value can be held by means of the self locking drive, while reading the value.

Transducers can quickly be changed in order to cover the different measuring ranges.

Description

The testing device is based upon a stable aluminum base frame thereby obtaining a high stability.

The light weight of the system however allows the use of a mounting trolley.

The hand wheel transfers the force optimally to the torque wrench.

A device which can be freely shifted on the base frame serves as a counter holder.

The wrench under test can be horizontally leveled at the counter holder.

Adapter sets are available for all required square drive type transducers.

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Technical data		
Model No.	5413-4606	5413-4610
Max. torque	up to 300 N·m	up to 1000 N·m
Max. counter hold force	1000 N	1000 N
Gearing ratio spindle	750:1	249:1
Max. shift displacement	+/- 13°	360°
Wrench lengths	150 – 700 mm	150 – 1100 mm
Connecting adapters	1/4", 3/8", 1/2", 3/4"	3/8", 1/2", 3/4", 1"

Dimensions / Weight		
Dimensions in mm L x W x H (without hand wheel)	1000 x 280 x 420	1400 x 400 x 510
Ø Hand wheel	250	250
Weight	45 kg	100 kg

* all indications are nominal values – subject to technical alterations.