



Manutork® mechanical calibration system, maximum torque: 400 Nm



Order data

Order number	654240 400
GTIN	4018754294312
Item class	63B

Description

Version:

Complete calibration system with components well matched to each other. A special torque transmission system avoids movement of the torque application point during calibration.

Application:

Calibration means the regular checking of the precision and reliability of torque drive tools and the documenting and management thereof. For torque drive tools to deliver precise and reliable measurement values over a long period of time, they must be checked regularly for calibration, and documented.

Supplied with:

Mechanical operating device for even and precise loading of the torque wrench. This ensures that in accordance with DIN EN ISO 6789 the torque is applied slowly and progressively.

- **2 transducers Laboratory size 6 – 60 Nm and 40 – 400 Nm (display divergence from the measured value is $\pm 0.5\%$) with DAkkS calibration certificate.**
- **Software for generating calibration certificates to DIN EN ISO 6789 and measuring equipment management.**
- **USB adaptor cable for connecting measurement transducers to a PC.**
- **4 square drive adaptors to accept various square drives.**

Supplied with:

Square drive adapter: Square socket drive 1/4 inch × external square drive 3/8 inch;
 square socket drive 1/4 inch × external square drive 3/4 inch;
 square socket drive 3/8 inch × external square drive 3/4 inch;
 square socket drive 1/2 inch × external square drive 3/4 inch
 Square drive adapter: Square socket drive 1/4 inch × external square drive 3/4 inch
 Square drive adapter: Square socket drive 3/8 inch × external square drive 3/4 inch
 Square drive adapter: Square socket drive 1/2 inch × external square drive 3/4 inch

Note:

An additional test set is required for testing torque screwdrivers. Requirements for PC: min. 1 USB port.

Further transducers available on request.

Calibration: O4

Measuring range: 40 – 400 Nm

Measuring range: 6 – 60 Nm

overall length: 1070 mm

for wrench length up to: 815 mm

Weight: 34 kg

Square socket: 3/8 inch

Technical description

Square socket	3/8 inch
Square socket	3/4 inch
Weight	34 kg
for wrench length up to	815 mm
Measuring range	40 – 400 Nm
Measuring range	6 – 60 Nm
maximum torque	400 Nm
overall length	1070 mm
Power supply	Mains operated
Direction of tightening	For right and left-hand tightening
Torque measuring accuracy	±0.5 %
Interface	USB interface
Test certificate	Manufacturer's test certificate
Calibration	O4
Type of product	Calibration and adjustment device

Services

Calibration Torque analyser / sensor maximum torque
400/2 Nm

018860 400/2

018840 1000/2

DAkKS calibration Torque analyser / sensor maximum torque 1000/2 Nm

Labelling laser-etched Type

018940

Accessories

Measurement transducer maximum torque 20 Nm

654255 20

Measurement transducer maximum torque 100 Nm

654255 100

Measurement transducer maximum torque 1100 Nm

654255 1100

USB adapter cable and software for No. 655270

655282

Square drive adapter Type 1

654383 1

Square drive adapter Type 2

654383 2

Square drive adapter Type 3

654383 3

Square drive adapter Type 4

654383 4