



## Manutork® mechanical calibration system, maximum torque: 400N·m



### 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:

Calibration adaptor (internal square drive  $\times$  external square drive): 1/4 inch  $\times$  3/8 inch;

1/4 inch  $\times$  3/4 inch;

3/8 inch  $\times$  3/4 inch;

1/2 inch  $\times$  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.

## Technical description

Square socket	3/8 in
Square socket	3/4 in
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 clockwise / anti-clockwise Torque analyser / sensor maximum torque 400/2 N·m	020140 400/2
DAkkS calibration clockwise / anti-clockwise Torque analyser / sensor maximum torque 1000/2 N·m	020150 1000/2

## Accessories

Measurement transducer maximum torque 1100 N·m	654255 1100
Square drive calibration adaptor Type 4	654383 4
Square drive calibration adaptor Type 1	654383 1

Measurement transducer maximum torque 20 N·m	654255 20
Square drive calibration adaptor Type 3	654383 3
Square drive calibration adaptor Type 2	654383 2
Measurement transducer maximum torque 100 N·m	654255 100