



## Complete calibration system

**7706**

Art.No. **96521068**

GTIN **4018754179138**

Model **7706-8PC**

### Label.

Complete calibration system Measuring-R.1-10N-m f.transducer

### Features.

- Measurement without displacement of the force application point
- Due to a special force transmission system, the mechanical calibration device no. 7791 avoids a displacement of the point of application of force during the calibration process.
- driven by the handwheel, the lever mounted below the test rail is moved linearly by a spindle
- the linear movement is converted into a rotary movement which acts on the transducer
- the torque spanner to be calibrated remains constant in its position during the entire calibration process
- in this way, measurement errors resulting from a shift of the point of application of the force are avoided
- the torque spanner is automatically aligned horizontally by a low-friction ball bushing
- another ball bushing ensures friction-free support of the torque wrench
- the resulting reduction of the transverse forces on the transducer and the friction on the torque wrench support leads to a reduction of the measuring errors.
- Patents pending
- Included in delivery:
  - Transducer
  - Square adapter
  - USB adapter and cable for transferring measurement data to a personal computer
  - Administration software for calibration certificates

### Advantages.

Measurement without shifting the point of application of force

## Technical Attributes.

Range N-m	1-10 N·m
Width mm (b)	323 mm
Height mm (h)	535 mm
Length mm (L)	605 mm

## Logistics data.

Length (IFS)	605
Width (IFS)	323
Height (IFS)	535
Length (packed, mm)	605
Width (packed, mm)	323
Height (packed, mm)	535
Volume (packed, mm)	104.547025 dm <sup>3</sup>
Artikelnummer	96521068
Weight (gross, kg)	14,400
Weight PAP (kg)	0,000
Weight PVC (kg)	0,000
GTIN	4018754179138
Country of origin	GERMANY
Region of origin	Nordrhein-Westfalen
WEEE/Electrical Act	Großgeräte B2B
Customs tariff no.	90318080
Numbers of content units per order units	1
Weight	14400 g

## Parts list.



83070026  
Packing material



83070016  
Packing material



83070006  
Packing material



81320002  
Plastic case



31160000  
Manual bit connector



31150000  
Manual bit connector



12030001  
Adapter



52110054  
Cable for No.7728



81500003  
Plastic case, empty



83071030  
Inlay for plastic case



58521090  
Mechanical loader for  
torque screwdrivers



52110051  
Jack cable



52111057  
USB adaptor

## Variants.

Artikelnummer	Article number (ERP)	Article description (Autom.)	GTIN
96521068	7706-8PC	Complete calibration system Measuring-R.1-10N·m f.transducer	4018754179138
96521069	7706-9PC	Complete calibration system Measuring-R.2-100N·m f.transducer	4018754179145
96521070	7706-10PC	Complete calibration system Measuring-R.2-1000N·m f.transducer	4018754179152
96521074	7706-11PC	Complete calibration system Measuring-R.20-3000N·m f.transducer	4018754180967

## GTIN-Code.



