

## Mechanical loaders up to 400 N·m

### 7791



Product no. 52110091  
GTIN 4018754155439  
Model 7791



**Label.** Mechanical calibration device

#### Features.

- **measurement possible without moving the point of application of force**
- thanks to a specially designed force transmission system, mechanical loader No 7791 avoids the risk of the point of force application shifting during the calibration process
- the lever below the test rail is actuated in a linear direction by the handwheel acting on a spindle
- the linear motion is translated into a rotary movement which acts on the transducer
- the torque wrench to be calibrated remains in the same position throughout the calibration process
- this prevents measuring errors caused by the point of force application being moved
- thanks to a low-friction linear ball bearing, the torque wrench is automatically levelled as it is placed in the unit
- a further linear ball bearing ensures the contact with the torque wrench is friction-free
- the reduction in lateral forces acting on the transducer and in the friction on the point of contact with the torque wrench results in a corresponding reduction in mismeasurement
- protected by national and international patents

#### Advantages.

Mechanical calibration device up to 400 N·m for torque wrenches and torque screwdrivers.

A special force transmission system prevents shifting of the force application point during the calibration process.

MANUTORK® 7791 significantly reduces the force and time required for calibrations and adjustments of torque wrenches.

A handwheel drives a lever which is moved linearly by a spindle and thus transmits a rotary movement to the transducer.

Due to reduced transverse forces on the transducer and a frictionless torque wrench support, measurement errors are largely avoided.

# /M/a/n/u/t/o/r/k/®

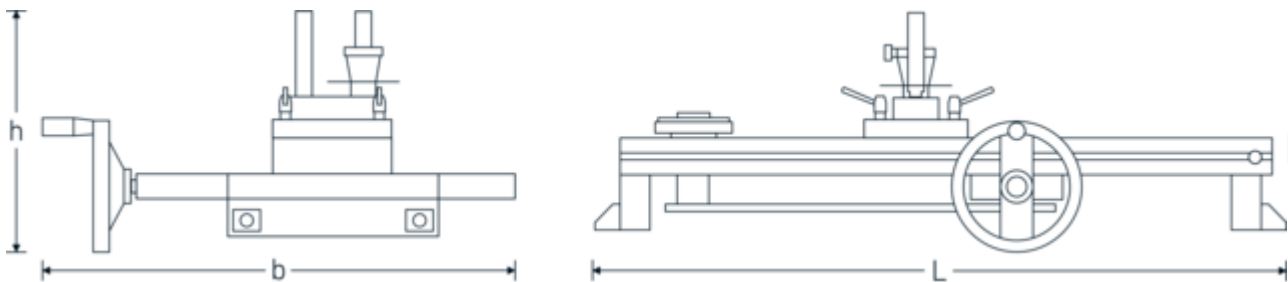
## Product highlights.



### Even more possibilities.

Additional modules such as connecting to CAQ systems with an automated interface or advanced methods such as machine capability testing (MFU) are available by request.

## Technical Drawing.



## Technical Attributes.

Width mm (b)	704 mm
Functional length (LF) max. mm	815 mm
for transducers	sizes 1-100
Height mm (h)	323 mm
Length mm (L)	1069 mm
Profile width	180 mm

## Logistics data.

Depth mm (IFS)	1200
Width mm (IFS)	800
Height mm (IFS)	515
WEEE/ElektroG	nicht ear-pflichtig
Length (packed, mm)	1200
Width (packed, mm)	800
Height (packed, mm)	515
Volume (packed, dm <sup>3</sup> )	494.4 dm <sup>3</sup>
Product no.	52110091
Weight (gross, kg)	44,800
Weight PAP (kg)	0,000

<b>Weight PVC (kg)</b>	0,000
<b>GTIN</b>	4018754155439
<b>Country of origin AWR</b>	GERMANY
<b>Region of origin</b>	Nordrhein-Westfalen
<b>Customs tariff no.</b>	90319000
<b>Packing standard</b>	1
<b>Weight</b>	44800 g

## Variants.

Product no.	Model no. (ERP)	Description	GTIN
52110091	7791	Mechanical calibration device	4018754155439

## GTIN-Code.

