

## Motorized calibrating and adjusting tool from 1 to 400 N·m

### 7794-2



Product no. **96521093**  
GTIN **4018754214891**  
Model **7794 - 2**



#### Label.

Motor-driven calibration and adjustment device Measuring r.nullN·m for transducers 7728 (sizes 1-100)

#### Features.

**The electronic perfectControl® calibrating unit with its electric drive considerably reduces the amount of effort and time required for calibration and adjustment tasks on torque wrenches**

- measurement possible without moving the point of application of force
- prevents faulty readings thanks to precision-mounted spindle and finely regulated motor
- extremely accurate calibration thanks to optimized bearings and square drives for the transducers
- rapid, easy change of transducers thanks to quick-release latching system
- convenient pushbutton controls for clockwise and anticlockwise measurements with automatic speed compensation
- saves time because the bridge support is locked in place using a single-handed eccentric lever
- transmission of readings to a PC via USB interface for further processing, analysis and archiving
- a Declaration of Conformance or a calibration certificate can be printed or saved as a PDF file after calibration
- as found / as left calibrations can be documented
- during calibration, DIN EN ISO 6789:2003 in numerous languages is supported. Additional standards and works standards are available on request
- can be upgraded to perfectControl® calibrating unit No 7794-3 for angle-controlled wrenches
- **calibration up to 1000 N·m is possible using the easily attached extension unit No 7791-1**
- design patent
- protected by national and international patents
- both clicking and indicating torque wrenches can be calibrated
- calibration of transducers is possible using reference torque wrenches No 7770-10, 7770-100 and 7770-1000, available on request.
- the unit is supplied without the torque wrench, transducers or notebook
- **transducers laboratory No 7728**

Content:

- 6 calibrating square drive insert tools No. 734K (sizes 4, 5, 12, 20, 40, 100)
- 6 square drive adaptors (No. 409M, No. 7787, No. 7788, No. 7789, No. 7789-4, No. 7789-5)
- 1 USB adaptor No. 7757-1
- 1 software TorkMaster 7731-1
- 1 jack cable No. 7751
- 1 spiral cable No. 7752
- 1 spiral cable No. 7751-2 with jack plug and self-locking precision plug
- 1 low-temperature cable connector
- 1 hexagon key wrench No 10760CV 2 mm are included

## Advantages.

The electronic perfectControl® calibration device with electric drive significantly reduces the effort and time required for calibrations and adjustments of torque wrenches.

Intelligent and low maintenance design, which means measurement errors caused by incorrect operation are almost impossible.

In conjunction with the TorkMaster software, calibration certificates are issued in no time at all.

Calibrations up to 1000 N·m using easy-to-install extension No. 7791-1.

USB interface for data exchange with the PC.



## Product highlights.



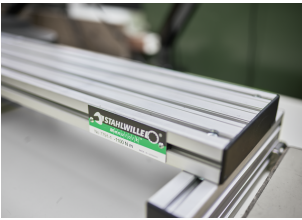
### Precision measurements.

perfectControl® calibration devices guarantee controlled, reproducible force application and provide accurate measurement results in conjunction with STAHLWILLE measurement devices and safe handling of the tool. All measurements are made without shifting the force application point.



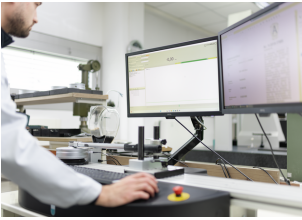
### Extremely efficient thanks to motorized operation.

The electrically powered perfectControl® 7794-2 reduces the amount of effort and time required to produce reproducible results.



### Modular and versatile.

The perfectControl® basic versions calibrate torque wrenches up to 400 N·m. Extending with module 7791-1 makes calibrations up to 1,000 N·m possible. The perfectControl® basic versions calibrate torque wrenches up to 400 N·m. Extending with module 7791-1 makes calibrations up to 1,000 N·m possible.



### Calibration certificates in an instant.

The USB interface makes exchanging data with the PC seamless. In conjunction with the TorqMaster software, calibration certificates are issued in no time at all.



### 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.

## Technologies and features.



### QuickRelease

The QuickRelease safety lock helps you to quickly mount and change transducers. The sensors lock into the calibration system adapter and only unlock again at the push of a button.

## Technical Attributes.

Number of tools	19
Width mm (b)	640 mm
DIN	DIN EN ISO 6789
Functional length (LF) max. mm	815 mm
for transducers	7728 (sizes 1-100)
Height mm (h)	328 mm
Length mm (L)	1060 mm
Profile width	180 mm

## Logistics data.

Depth mm (IFS)	1200
Width mm (IFS)	800
Height mm (IFS)	820
WEEE/ElektroG	Großgeräte B2B
Length (packed, mm)	1200
Width (packed, mm)	800
Height (packed, mm)	820
Volume (packed, dm <sup>3</sup> )	787.2 dm <sup>3</sup>
Product no.	96521093
Weight (gross, kg)	62,200
Weight PAP (kg)	0,000

<b>Weight PVC (kg)</b>	0,000
<b>GTIN</b>	4018754214891
<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>	51500 g

## Parts list.



83585224  
Hard foam insert for  
tool case



52110058  
Lemo cable



11030010  
Square drive adapter



43150002  
Hex key L-wrench  
screwdriver



52110052  
Spiral cable



52110051  
Jack cable



52111057  
USB adapter

## Variants.

Product no.	Model no. (ERP)	Description	GTIN
96521093	7794 - 2	Motor-driven calibration and adjustment device Measuring r.nullN·m for transducers 7728 (sizes 1-100)	4018754214891

## GTIN-Code.



## Accessories.



52110061  
Interface adapter