



Motorised calibrating and adjusting tool from 1 to 400 N·m

7794-2



Art.No. **96521093**
GTIN **4018754214891**
Model **7794 - 2**

perfectControl®

Label.

Motor-driven calibration and adjustment device Measuring-R.1-400N·m f.transducer 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 optimised 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. 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 take place without shifting the force application point.



Extremely efficient thanks to motorised operation.

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



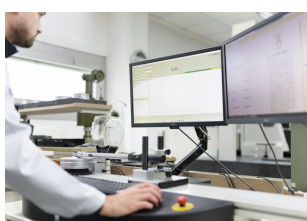
Comfortable and intuitive handling.

The QuickRelease technology allows the measurement devices to be exchanged quickly. The bridge attachment for torque wrenches can be adjusted with one hand using an eccentric tensioner. Actions and directions are easy to set using buttons.



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 TorkMaster software, calibration certificates are issued in no time at all. The USB interface makes exchanging data with the PC seamless. In conjunction with the TorkMaster 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 technology ensures tools cannot be inadvertently lost – while enabling rapid, safe tool changes.

Technical Attributes.

Range N·m	1-400 N·m
Width mm (b)	640 mm
Functional length (LF) max. mm	815 mm
for transducers	7728 (sizes 1-100)
Height mm (h)	328 mm

Logistics data.

Length (IFS)	1200
Width (IFS)	800
Height (IFS)	820
Length (packed, mm)	1200
Width (packed, mm)	800

Length mm (L)	1060 mm	Height (packed, mm)	820
Section width	180 mm	Volume (packed, mm)	787.2 dm ³
		Artikelnummer	96521093
		Weight (gross, kg)	62,200
		Weight PAP (kg)	0,000
		Weight PVC (kg)	0,000
		GTIN	4018754214891
		Country of origin	GERMANY
		Region of origin	Nordrhein-Westfalen
		WEEE/Electrical Act	Großgeräte B2B
		Customs tariff no.	90319000
		Numbers of content units per order units	1

Parts list.



52110058
Phone jack Lemo cable



11030010
Adapter



43150002
Hexagon key wrench



52110052
Spiral cable



52110051
Jack cable



52111057
USB adaptor

Variants.

Artikelnummer	Article number (ERP)	Article description (Autom._)	GTIN
96521093	7794 - 2	Motor-driven calibration and adjustment device Measuring-R.1-400N-m f.transducer 7728 (sizes 1-100)	4018754214891

GTIN-Code.



Accessories.



52110061
Interface adaptor