STAHLWILLE®

Motorised calibration and adjustment system from 1-400 N·m

7794-2

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

Label.

Motorised calibration and adjustment system Measuring r.1-400N·m for transducers 7728 (size 1-100)

Properties.

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

- measures without shifting the point of application of force
- avoid inaccurate measurements with the precise bearing spindle and the fine-controlled motor
- extremely precise calibration thanks to optimisation of the bearings and the square drives of the transducers
- clicking and indicating torque wrenches can be calibrated
- quick and easy switching of transducers with QuickRelease locking system
- convenient button operation for clockwise and counter-clockwise measurements with motorised loading and automatic speed adjustment
- bridge support with an eccentric clamp designed for single-handed operation reduces time and effort
- automatic transfer of measured values via USB interface to PC for further processing and archiving
- a declaration of conformity or calibration certificate can be printed or saved as a PDF file after calibration
- 'as found' and 'as left' calibrations can be documented
- DIN EN ISO 6789 calibration is supported in numerous languages. Additional standards and factory specifications available upon request
- upgradeable to the perfectControl® calibration system No. 7794-3 for angle controlled torque wrenches
- calibrations up to 1,000 N·m with easy-to-assemble extension No. 7791-1.
- calibration of transducers with torque reference wrench is possible on request
- recommended transducer laboratory No. 7728
- the interface adaptor set 7761/3 is required for automated calibration of electromechanical torque wrenches and screwdrivers (730D eClick, 714 eClick, 766 DAPTIQ®, TORSIOTRONIC® eClick, TORSIOTRONIC® DAPTIQ®)
- registered design
- protected by national and international patents

Contains 19-pieces:

1 motorised calibration and adjustment system **No. 7794-2**

Calibration accessory set:
6 calibration square drive insert tools **No. 734K**: Size 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 jack cable **No. 7751**
1 jack-push/pull cable **No. 7752**
1 jack-push/pull **No. 7751-3**
1 power adaptor set
1 hex L-Key **No. 10760**: 2 mm

Benefits.

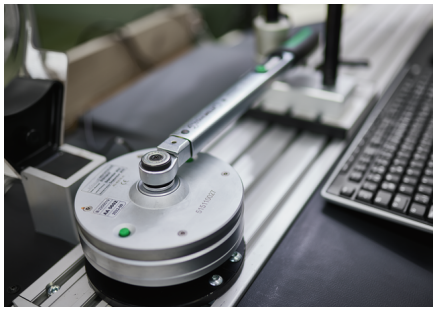
Motorised calibration and adjustment system for reducing time and effort.

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

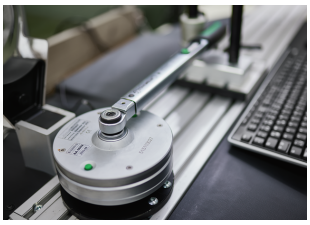
USB interface for data exchange with the PC.

Intelligent and low-maintenance design that makes accuracys caused by incorrect operation almost impossible.

Calibrations up to 1,000 N·m with easy-to-assemble extension No. 7791-1.



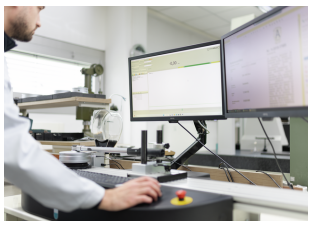
Product highlights.



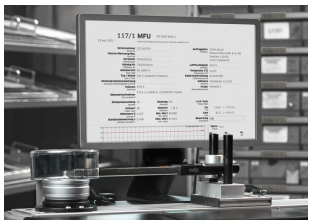
Precision measurements.
perfectControl® calibration devices are the guarantee of controlled, reproducible force application, and provide accurate measurement results in conjunction with STAHLWILLE measurement devices and secure storage of the tool. All measurements take place without shifting the force 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.

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.



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 adaptor and only unlock again at the push of a button.

Technical attributes.

for transducers	7728 (size 1-100)
Length mm (L)	1060 mm
Width mm (b)	640 mm
Height mm (h)	328 mm
Range N·m	1-400 N·m
DIN	DIN EN ISO 6789
Functional length (LF) max. mm	815 mm
Profile width	180 mm

Logistics data.

Product no.	96521093
GTIN	4018754214891
Weight (g)	51500 g
Volume (packaged, dm3)	787.2 dm3
Packing standard	1
WEEE/ElektroG	Großgeräte B2B
Customs tariff no.	90319000
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen

Number of tools	19 pcs.	**Depth mm (IFS)**	1200
		Width mm (IFS)	800
		Height mm (IFS)	820
		Weight (gross, kg)	62,200
		Weight PAP (kg)	0,000
		Weight PVC (kg)	0,000
		Length (packaged, mm)	1200
		Width (packaged, mm)	800
		Height (packaging, mm)	820

Parts list.

11030010
Square drive adaptor

43153002
Hex L-Key

52110051
Jack cable

52110052
Jack cable

52110058
Jack-push/pull cable, short

52111057
USB adaptor

58243012
Calibration square drive insert tool

96585224
Calibration accessory set

GTIN.

4 018754 214891

Accessories (for).

96521161
Interface adaptor set

52110061
Interface adaptor

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