

Product data sheet

7291-2 STAC CAL

EAN-No. 4000896220380



With DAkkS calibration certificate · Length: 383 mm · 10 – 100 Nm · 7,5 – 75 lbf.ft · 1 % ·  10 ³/₈"



Application:

High-precision screw connections with torque/rotation angle calling for high accuracy or mandatory documentation, e.g. engine components in particular cylinder head bolts, mechanical engineering with increased requirements (including robot technology etc.)

- Smart-Technologie – Ready for Industry 4.0
- Torque wrench **with DAkkS calibration certificate**
- Includes insert reversible ratchet 6402-1  (10 mm)
- Length with/without insert tool: 428 mm / 383 mm
- HAZET Smart Technology consisting of SmartTAC app and Bluetooth 4.1 Low Energy Interface (product group 7000-2 sTAC – may be subject to national admission restrictions)
 - Live data exchange for displaying the bolting process on mobile devices (smartphones, Smartwatch, tablet PC)
 - USB-C interface for programming and documenting via laptop and PC with the software SmartTAC tool 7910-sTAC
 - All sTAC torque wrenches with built-in angle gauges can also be used autonomously, without the SmartTAC app
- Ergonomic, user-oriented HAZET design for professional use
- Compact design thanks to reduce dimensions and the integration of the PCB in the main pipe
 - Allows for small torque wrench with built-in angle gauge from 1 Nm
- IP 40 protection type
 - Splash-proof display and membrane keyboard
- USB-C port to directly charge battery when still in tool
- Includes changeable Li-ION rechargeable battery (type 14650 / 3.7 V)
 - Charging directly in the tool via USB-C
- Including 1 metre USB 3.1 / A-C cable

Functions: 7000 sTAC

- OLED Display
 - Large, high-contrast, easy to read
 - Dimmable and rotates 180°
- Measured value display
 - 13 mm font size
 - OK / NOK rating of the screw joint
- Display deviation
 - Right/left torque: $\pm 1 \%$ / ± 1 digit
 - Right/left angle of rotation: $\pm 1 \%$ / $\pm 1^\circ$
- Rotation angle range adding: 0 to 999°
- Accuracy OK display (green)
 - Torque: adjustable ± 1 to 10 %
 - Angle of rotation: adjustable from 1 to 90°
- Choice of measuring units: Nm, lbf ft, lbf in, kgf m
- Effective length adjustable/programmable: 0 to 250 mm
 - Prerequisite for correct torque / rotation angle measurements
- Fourfold signalling of the screw-in process
 - Audible signal (buzzer)
 - Vibration

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- Synchronous numerical display
- 360° LED display with traffic light function
- Threshold value, pre-warning level: adjustable 50 to 99%
- Adjustable signalling
 - Audible signal (buzzer) on/off
 - Vibration on/off
- Reset function
 - Reset to factory setting
- Stand-by time: adjustable from 1 to 10 minutes
- Indication of battery condition and memory
- Memory
 - Up to 3000 measurements
 - Including date and time
- Programming options
 - Parameter sets: 25
 - Flow charts: 25
- Regulatory functions
 - Torque check during angle tightening
 - Angle control during torque tightening
- Lock function menu
 - Four-digit, freely-selectable code
- Display of
 - Software version
 - Serial number
 - Calibration date
 - Service display / usage counter
- Menu languages
 - German, English, French, Italian, Chinese
- Software
 - Programming and evaluation software 7910-sTAC (at additional cost)
 - SmartTAC app for Android and Apple iOS (free of charge)
- Radio approval
 - 7000-2 sTAC series with Bluetooth interface
 - Approved in the EU, Switzerland, Norway, China, India, South Korea, Mexico, Turkey
 - Other countries on request
- Alternatively without Bluetooth
 - 7000-5 sTAC series without Bluetooth-interface
 - Connection via USB to laptop and PC
 - Not possible to use SmartTAC app

Regulatory note (EU Data Act)

- **Generated data:** Torque, if necessary angle of rotation and break-away torque values, date/time, operation duration, evaluation of the bolting result, as well as data transmission of the tool's serial number.
- **Data generation:** during operation; no continuous data generation.
- **Storage:** locally in the tool, a maximum of 3.000 measurements. No automatic transmission to HAZET or third parties.
- **Data access:** Display on the tool and read out with SmartTAC tool. Export in CSV format.
- **Deletion:** can be deleted by the user on the tool or using SmartTAC tool.
- **External storage:** exported CSV files are only saved locally by the user.
- **With Bluetooth function (7000-2sTAC)**
- Tested in accordance with DIN EN ISO 6789-2:2017-07, VDI/VDE 2648 sheet 2
- Made in Germany
- Output: 90 %
- Dimensions: 383 mm
- Net weight: 0.72 kg

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- For manual operation
- Torque range min-max: 10 – 100 Nm
- lbf min-max: 7.5 – 75 lbf.ft
- Accuracy: 1 %
- Effective torque wrench length min.-max. l1 mm: 327.00 – Nm
- Actuating force min.-max. kg: 2.9 – 28.7 kg
- Number of teeth: 30 (Opening angle 12°)
- Inside micrometre of the adjusting tool l2: 30 mm

DAkkS calibration certificate for the professional user, especially for:

- Aviation industry
- Automobile industry
- New-energy, wind turbines, offshore wind farms
- Petrochemical industry (oil/gas)

Documented traceability guarantees complete verifiability

Order Number

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