Product data sheet
7290-2 STAC CAL

EAN-No. 4000896**220373**

With DAkkS calibration certificate · Length: 302 mm · 5 – 60 Nm · 3,5 – 44 lbf.ft · 1 % · 9 x 12, 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 ■ 3/8″ (10 mm)
- Length with/without insert tool: 347 mm / 302 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: ± 1 % / ± 1 digit
  – Right/eft angle of rotation: ± 1 % / ± 1°
- 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)

HAZET-WERK – Hermann Zerver GmbH & Co. KG · 10 04 61 · 42804 Remscheid
Güldenwerther Bahnhofstrasse 25 – 29 · 42857 Remscheid · GERMANY

  - Vibration
  - 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 toruqe 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: 9x12, 10 3/8
- Dimensions: 302 mm

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- Net weight: 0.64 kg
- For manual operation
- Torque range min-max: 5 – 60 Nm
- lbf min-max: 3.5 – 44 lbf.ft
- Accuracy: 1 %
- Effective torque wrench length min.-max. l1 mm: 248.00 – Nm
- Actuating force min.-max. kg: 1.8 – 22.2 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

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