Product data sheet
7250-2 STAC CAL

EAN-No. 4000896**220342**

With DAkkS calibration certificate · Length: 1772 mm · 200 – 1000 Nm · 150 – 750 lbf.ft · 1 % · ■ ¾″



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**
- Integrated reversible ratchet ■ ¾″ (20 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)
  – Vibration
  – Synchronous numerical display
  – 360° LED display with traffic light function

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- 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: 20 ¾"
- Dimensions: 1772 mm
- Net weight: 8.4 kg
- For manual operation
- Torque range min-max: 200 – 1000 Nm

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- lbf min-max: 150 – 750 lbf.ft
- Accuracy: 1 %
- Actuating force min.-max. kg: 12.2 – 60.8 kg
- Number of teeth: 32 (Opening angle 11.25°)

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	7250-2 STAC CAL