

Product data sheet

7281-2 STAC CAL

EAN-No. 4000896220366




Length: 260 mm · Torque range min-max: 2.5 – 25 Nm · lbf min-max: 1.85 – 18.5 lbf.ft · Accuracy: 2 % · ,
 1/4" · Mit DAkkS-Kalibrierschein



Application:

For high-precision screw connections with torque/rotation angles calling for high accuracy or mandatory documentation, e.g. engine components especially cylinder head bolts, machine construction with increased requirements (including robot technology etc.)

- Smart technology – Ready for Industry 4.0
- Torque wrench **with DAkkS calibration certificate**
- Includes insert reversible ratchet 6401-1  (6.3 mm)
- Length with/without insert tool: 290.5 mm / 260 mm
- HAZET Smart technology consisting of the SmartTAC app and Bluetooth 4.1 Low Energy interface (product group 7000-2 sTAC may be subject to national approval restrictions). Smooth live data exchange for displaying the screwing progress on mobile end devices, such as smartphones (smart watches) and tablet PCs. USB-C interface for programming torque wrenches with built-in angle gauge and documenting the screwing data 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 SmartTAC app
- Unique, ergonomic, user-oriented HAZET design of entire tool for professional application
- The reduction in size and integration of the PCB into the main pipe, results in dimensions that allow for the small torque wrench with built-in angle gauge from 1 Nm
- Protection rating IP 40
Splash-proof display and membrane keyboard
- USB-C port to directly charge battery when still in tool
- Including commercial replaceable Li-ion rechargeable battery, type 14650 / 3.7 V, can be charged directly on the tool via USB-C plug
- Including 1 metre USB 3.1 / A-C cable

Functions: 7000 sTAC

- Large, high-contrast illuminated, easily readable OLED display, dimmable and 180° rotatable
- Indication of the measuring values in 13 mm font size, including a rating of the screw-joint (OK / not OK)
- Display deviation in right and left torque: from $\pm 1\%$ / ± 1 digit
- Display deviation in right and left rotation angle: $\pm 1\%$ / $\pm 1^\circ$
- Rotation angle range adding: 0 to 999°
- Torque accuracy for OK display (green): adjustable ± 1 to 10%
- Rotation angle accuracy for OK display (green): adjustable 1 to 90°
- Adjustable torque units: Nm, lbf ft, lbf in or kgf m
- Effective length is adjustable / programmable for other insert tools from 0 to 250 m (prerequisite for correct torque / rotation angle measurements)
- Fourfold signalling of the screwing process by audible alarm (buzzer), vibration signal, synchronous numerical display, and a 360° LED display with "traffic light function" that is visible from all around
- Threshold value, pre-warning level: adjustable 50 to 99%
- Adjustable signaling, On/Off audible signal (buzzer) and vibration
- Reset function, restore to factory setting
- Stand-by time: adjustable 1 to 10 minutes

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- Indication of battery condition and memory
- Memory capacity, including date and time: up to 3000 measurements
- Offers possibility to program flow charts and sets of parameters: 25 and 25
- 2 control functions: programmable torque control for angle tightening and angle control for torque tightening
- Menu block function against unauthorised adjustment, four-digit code is personally selected
- Display of the software version with serial numbers, calibration date and service display / usage counter
- Menu languages: German, English, French, Italian, Chinese
- Programming and evaluation software for laptop and PC 7910-sTAC (at additional cost)
- SmartTAC app for Android and Apple iOS end devices for series 7000-2 sTAC (free download)
- The HAZET SmartTAC torque wrenches with built-in angle gauge of the **7000-2 sTAC series with Bluetooth interface** have valid radio approval in all EU countries as well as in Switzerland, Norway, China, India, South Korea, Mexico and Turkey and may be sold there. Further countries on request
- For countries without radio approval, we offer the **7000-5 sTAC series SmartTAC torque wrench with built-in angle gauge without a Bluetooth interface**. These can be connected to a laptop and PC via a USB port and to the optional programming and evaluation software. It is not possible to use the SmartTAC app for mobile end devices due to the lack of a Bluetooth interface
- **With Bluetooth function**
- Tested in accordance with DIN EN ISO 6789-2:2017, VDI / VDE 2648, Sheet 2
- Made in Germany
- Output: $\frac{1}{16}$, $\frac{3}{16}$ ¼
- Dimensions / length: 260 mm
- Net weight: 0.48 kg
- For manual operation
- Torque range min-max: 2.5 – 25 Nm
- lbf min-max: 1.85 – 18.5 lbf.ft
- Accuracy: 2 %
- Effective torque wrench length min.-max. l1 mm: 203.00 – Nm
- Actuating force min.-max. kg: 1.1 – 11.4 kg
- Number of teeth: 20 (Opening angle 18°)
- Inside micrometre of the adjusting tool l2: 19.5 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

SYSTEM 7000 sTAC electronic torque wrench with built-in angle gauge · with insert square and reversible ratchet · accuracy $\pm 1\%$ / ± 1 digit

Order Number

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