

# Product data sheet

## 7290-2 STAC

EAN-No. 4000896215324




Length: 302 mm · Torque range min-max: 5 – 60 Nm · lbf min-max: 3.5 – 44 lbf.ft · Accuracy: 1 % ·  10  · Mit Bluetooth



### 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
- Includes insert reversible ratchet 6402-1  (10 mm)
- Length with/without insert tool: 347 mm / 302 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  $\pm 1\%$  /  $\pm 1$  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  $\pm 1$  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 mm (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
- Indication of battery condition and memory

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- 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:  $\pm 0.1\%$ ,  $\pm 0.5\%$
  - Dimensions / length: 302 mm
  - 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
- SYSTEM 7000 sTAC electronic torque wrench with built-in angle gauge · with insert square and reversible ratchet · accuracy  $\pm 1\%$  /  $\pm 1$  digit

Order Number

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