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› [ATsafepro 1/4" Digital Torque Wrench \(Model ATS30N-3-US\) Instruction Manual](#)

ATsafepro ATS30N-3-US

ATsafepro 1/4" Digital Torque Wrench Instruction Manual

Model: ATS30N-3-US

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your ATsafepro 1/4" Digital Torque Wrench. Please read this manual thoroughly before operation to ensure safe and effective use of the tool. This digital torque wrench is designed for precise torque application in various tasks, including bicycle, automotive, and general home repair projects.



Figure 1: ATsafePro 1/4" Digital Torque Wrench with included extension and adapter in its storage case.

2. SETUP

2.1. Battery Installation

The digital torque wrench requires two AAA alkaline batteries (included). To install or replace batteries:

1. Unscrew the battery cap at the bottom of the wrench handle.

2. Insert the two AAA batteries, ensuring correct polarity (+/-) as indicated inside the battery compartment.
3. Securely screw the battery cap back on.

2.2. Attaching Accessories

The wrench set includes a 1/4-inch extension bar and a 1/4" to 3/8" drive adapter for increased versatility.

- To attach the extension bar or adapter, align the square drive of the accessory with the square drive on the wrench head and push firmly until it clicks into place.
- To remove, press the quick-release button on the wrench head and pull the accessory off.

**Includes Adapter And Extension Rod
Suitable For Various Scenarios
Including Hard To Reach Area**



Figure 2: The digital torque wrench includes a 1/4" extension bar and a 1/4" to 3/8" adapter for various applications.

3. OPERATING INSTRUCTIONS

3.1. Power On/Off

Press the 'C' button once to power on the device. The screen will illuminate, displaying the current settings. The device will automatically switch off after 120 seconds of inactivity to conserve battery life. To manually turn off, press and hold the 'C' button for 3 seconds.

3.2. Setting Torque Values

The wrench features 9 preset torque values (P1-P9) and allows for custom value setting.

1. Press the Up or Down arrow buttons to enter the profile mode.
2. Use the Up/Down arrows to select the desired profile (P1-P9).
3. Press the 'M' button to enter the value adjustment mode for the selected profile.
4. Use the Up/Down arrows to adjust the torque value. Press and hold for faster adjustment.
5. Press the 'C' button to confirm and save the new torque value to the selected profile.

3.3. Changing Units

The wrench supports 5 measuring units: in.lbs, ft.lbs, Nm, kgf.cm, and kg.m. Briefly press the 'U' button to cycle through the available units. The display will update to show the current torque value in the newly selected unit.

Instant And Accurate Reading,
No More Guess Work,
Tighten The Nuts And Screws With Confidence



Figure 3: The clear color screen displays precise readings and allows seamless switching between 5 torque units.

3.4. Operating Modes (Peak & Track)

Press the 'P/T' button to switch between Track Mode (T) and Peak Mode (P).

- **Track Mode (T):** Displays the real-time torque value as force is applied. The numerical value varies with force, and torque resets to zero after force removal.
- **Peak Mode (P):** Captures and displays the maximum torque value reached during tightening. The maximum screen

retention occurs after unloading.

2 Modes of Operation

Peak mode P, Follow mode T for different needs



Figure 4: Illustration of the two operating modes: Peak Mode (P) for maximum value retention and Track Mode (T) for real-time readings.

3.5. Triple Alert System

The wrench provides a triple alert system to indicate when the target torque is reached:

- **Vibration:** The wrench vibrates when approaching and reaching the target torque.
- **Buzzer:** A loud buzzer sounds with increasing frequency as the target torque is approached, becoming continuous

upon reaching 100%.

- **LED Indicators:** Bright LED lights illuminate in sequence, changing from yellow to red as the target torque is approached and reached.



Figure 5: The wrench features a buzzer, clear LCD screen, and LED indicators for precise torque application.

3.6. Data Storage and Memory

The digital torque wrench can store up to 500 sets of torque readings for review.

- To save the current data, press the 'M' key.
- To query stored data, hold down the 'M' key to enter the memory menu. Use the Up/Down arrows to navigate through the stored torque values.
- To exit the memory menu, press the 'C' key.



Figure 6: The wrench offers torque memory, peak mode, and track mode for comprehensive data management.

4.1. Calibration

The ATsafepro digital torque wrench is factory calibrated to $\pm 2\%$ accuracy. Regular calibration is recommended to maintain accuracy, especially after prolonged use or significant impacts. Refer to a certified calibration service for professional recalibration.

2% Accuracy

Comes With Calibration Certificate

With Serial Number



The image shows a yellow and black ATsafepro digital torque wrench. The digital display shows '30.00' with 'P I 3000 P T' and 'Min' indicators. The wrench has several control buttons: a power button, a mode button (M), a unit button (U), and a zero button (0). The wrench is shown in a vertical orientation.

ATSAFEPRO Certificate of Calibration

Inspection Certificate

Model:	1/4	Calibration Instrument:	PB6036
Style:	torquegauge	Serial number:	25060402
Range:	30N.m	Instrument Precision:	0.30%
	Minimum	60%	100%
Target torque:	6	18	30
Measured value1:	6.00	18.05	30.00
Measured value2:	5.98	18.07	30.09
Measured value3:	5.99	17.99	29.91
Measured value4:	5.99	17.94	30.03
Measured value5:	5.99	18.04	30.12

Test Result: The test torque value meets the standard of 1S06789.GB/T 15729and ASME B107.14M

We recommend you to verify this torque wrench after working for 12 months of 5000 times

Checker	WangKai	Date	2025/7/14
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Figure 7: The wrench comes with a calibration certificate, ensuring $\pm 2\%$ accuracy.

4.2. Storage

Store the torque wrench in its protective case in a dry, clean environment when not in use. Remove batteries if the wrench will not be used for an extended period to prevent leakage and damage.

5. TROUBLESHOOTING

If you encounter any issues with your ATsafepro Digital Torque Wrench, please consider the following:

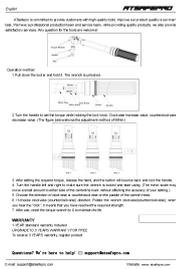
- **No Power:** Check battery orientation and ensure batteries are not depleted. Replace with fresh AAA batteries if necessary.
- **Inaccurate Readings:** Ensure the wrench is properly calibrated. Avoid dropping or subjecting the tool to harsh impacts.
- **Display Issues:** If the display is dim or flickering, replace the batteries.

6. SPECIFICATIONS

Feature	Specification
Model Number	ATS30N-3-US
Drive Size	1/4"
Torque Range	4-265.6 in.lbs (30 Newton Meters)
Accuracy	±2%
Measuring Units	in.lbs, ft.lbs, Nm, kgf.cm, kg.m
Display	Full-Color Screen
Alert System	Vibration, Buzzer, LED Flash
Operating Modes	Peak Mode, Track Mode
Preset Torque Values	9
Data Storage	Up to 500 sets of readings
Material	Acrylonitrile Butadiene Styrene, Alloy Aluminum, Chrome Vanadium Steel, Rubber
Item Weight	2.1 pounds
Power Source	2 x AAA Alkaline Batteries

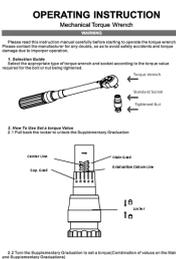
7. WARRANTY AND SUPPORT

For warranty information or technical support regarding your ATsafepro Digital Torque Wrench, please refer to the documentation included with your product or contact ATsafepro customer service directly. Protection plans are available for purchase separately.



[ATsafepro Torque Wrench: Operation and Warranty Guide](#)

A comprehensive guide to operating and understanding the warranty for ATSAFEPRO torque wrenches, detailing usage steps, component descriptions, and care instructions for optimal performance and longevity.



[Operating Instructions for Mechanical Torque Wrench](#)

A guide on how to use and maintain a mechanical torque wrench, including selection, setting torque values, and precautions.



[Lexivon LX-185 3/4-Inch Drive Click Torque Wrench User Manual](#)

Comprehensive user manual for the Lexivon LX-185 3/4-inch drive click torque wrench. Includes detailed instructions on setting torque in ft-lb and Nm, operation, maintenance, storage, specifications, and unit conversions. Essential guide for accurate torque application.



[Sealey STW308 3/8\"Sq Drive Digital Torque Wrench 8-85Nm User Manual](#)

Comprehensive instructions and specifications for the Sealey STW308 3/8\"Sq Drive Digital Torque Wrench, covering safety, operation, and maintenance.



[3/8\" Drive Reversible Click Type Torque Wrench Owner's Manual & Safety Instructions](#)

Owner's manual and safety instructions for the Pittsburgh 3/8\" Drive Reversible Click Type Torque Wrench (Item 63880). Includes specifications, operating instructions, and maintenance guidelines.

