WIPCOOL®

TWÓJ KLUCZ DO KOMFORTU

OPERATING MANUAL · ENGLISH

HTW-80

Torque Wrench

Read this manual before use. Keep it with the unit for its entire service life.



Read the manual
Safety and connection rules before the first start-up.

Service and warranty
Service requests and warranty terms at wipcool.eu.

Documents online
Manual, data sheet and declaration of conformity at wipcool.eu.

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How to use this manual

Find the chapter you need. The numbers on the right are the pages of this booklet.

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MEANING OF SYMBOLS



Separate collection of WEEE

Do not dispose of used equipment with household waste.



CE marking

Manufacturer's declaration of conformity with EU requirements.



Read the manual

Safety and operating rules before starting work.

Wipcool HTW-80 user manual

The Wipcool HTW-80 Torque Wrench is used to tighten connections to a specified torque. It displays the current torque or peak value and allows you to save measurement results.

The user manual is an integral part of the product. Please read this manual carefully and follow all instructions closely.

General information

Wipcool products are designed for professional use by qualified air conditioning and refrigeration engineers. As the manufacturer, Wipcool stipulates that our equipment should only be operated by suitably qualified and trained people.

- All local safety regulations and general safety standards must be observed when using the Wipcool HTW-80 Torque Wrench.
- The user manual should be kept near the device so that personnel can access it easily at all times.
- Before use, qualified personnel should read the user manual carefully and understand all the instructions it contains.
- The manufacturer accepts no liability for any damage resulting from improper use, failure to follow the user manual, lack of personnel qualifications or any unauthorised modifications to the device.
- The general terms of sale set out in the sales documents apply.

Symbols and conventions

Symbols and markings used on the device and in the manual:

01



Warning - read the text in the box next to the symbol.

02



Notice - risk of damage to the device or an incorrect result.

03



Dangerous voltage - risk of electric shock.

04



Before starting work, read all safety and installation instructions carefully.

05



Wear eye protection.

06



Do not dispose of the wrench with household waste.

T (Track) is tracking mode, and P (Peak) is peak mode. N·m is the newton metre, a unit of torque. The markings lb·ft, lb·in, kg·cm and kg·m indicate the other units on the display.

Safety information

WARNING

Do not use the wrench on live equipment.

WARNING

Wear safety glasses while working. People nearby must also wear them. Tighten from a stable position to avoid losing your balance.

CAUTION

Do not use the wrench to loosen bolts or nuts. Match the jaw opening or socket size to the bolt or nut. Before starting work, check that the required torque is within the wrench's range. Do not exceed 80 N·m. Overloading can damage the wrench.

- Do not tighten connections when the wrench is switched off and do not press the buttons while applying force.
- Do not disassemble the wrench except to replace the batteries. A wrench that you have disassembled yourself cannot be repaired.

Technical specifications

Parameter	Value
Model	HTW-80
Torque range	1.2–80 N·m
Jaw opening	5–30 mm
Accuracy	±2%
Length	345 mm
Device weight	550 g
Batteries	3 × AAA, alkaline
Measurement modes	T - tracking mode; P - peak mode
Preset memory	10 torque values
Results memory	500 measurements
Accessory	3/8" ratchet head

Device diagram

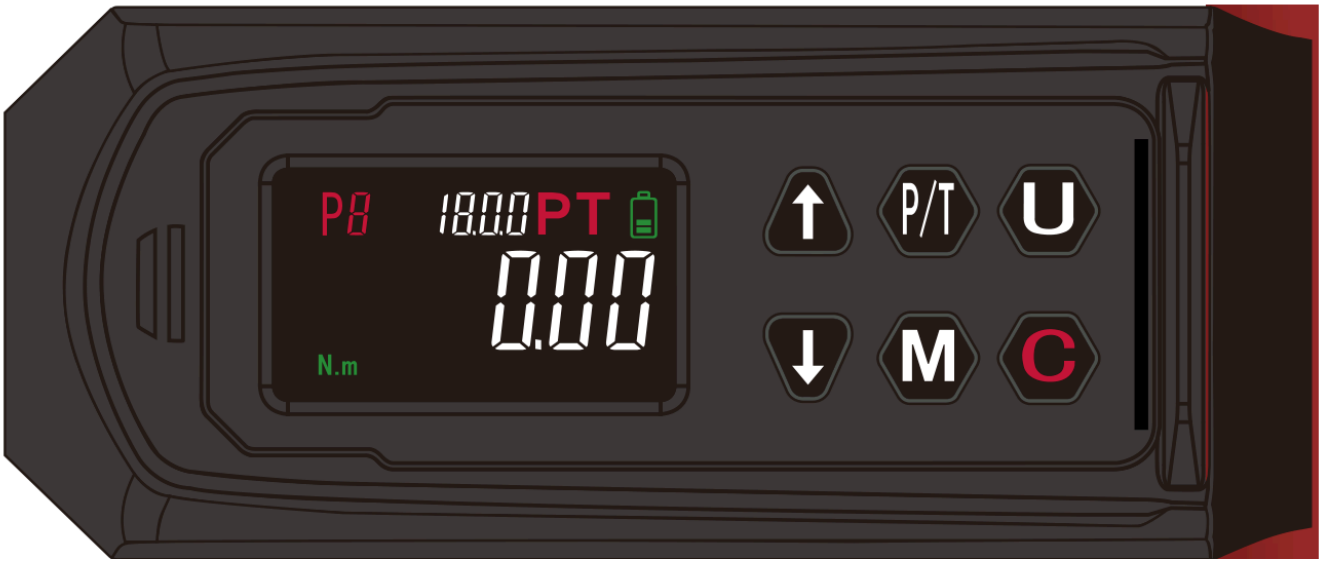


Figure 1. HTW-80 wrench panel.

The display is on the left side of the panel and the buttons are on the right. The buzzer is to the left of the display, and the LED is on the right side of the panel.

Button	Function
C	A short press switches the wrench on. Holding for 3 s switches the wrench off. Confirms the setting and closes the memory review.
U	Switches torque units.
P/T	Switches between T tracking mode and P peak mode.
↑ / ↓	Select a setting and browse saved results.
M	Saves the result in P peak mode. Hold to open the memory review.

Indication	Meaning
Large digits	Torque reading.
Set value	Set torque value.
P / T	Selected measurement mode.
Unit	Torque unit.

Indication	Meaning
Battery icon	Battery level.
Record number	Measurement number when browsing memory.

How to use

> **CAUTION**
> Switch the wrench on and off with no load applied. Starting it under load can damage the torque sensor.

Starting and tightening

01 Briefly press C. A single beep confirms that the wrench is on.

02 Check the battery icon on the display. If it indicates a low battery level, switch off the wrench and replace the batteries (see the ‘MAINTENANCE’ section, ‘Batteries’).

03 Press U until N·m appears. The units cycle in this order: N·m, lb·ft, lb·in, kg·cm, kg·m.

04 Press P/T to select T tracking mode or P peak mode. Check the mode indication on the display.

05 If the value required for the connection being tightened is among the 10 presets, select it using ↑ / ↓ and confirm with C.

06 Adjust the jaw opening to fit the nut and place the wrench on it.

07 Tighten the connection while watching the torque on the display. Stop tightening when the reading reaches the required torque.

Indication

The wrench indicates torque with a sound, an LED and vibration.

T tracking mode

In T tracking mode, the display shows the torque in real time according to the force applied. When the load is removed from the wrench, the reading returns to zero.

P peak mode

In P peak mode, the result remains on the screen for 10 s after the load is removed from the wrench. Press M during this time to save it. If it is not saved, the reading returns to zero.

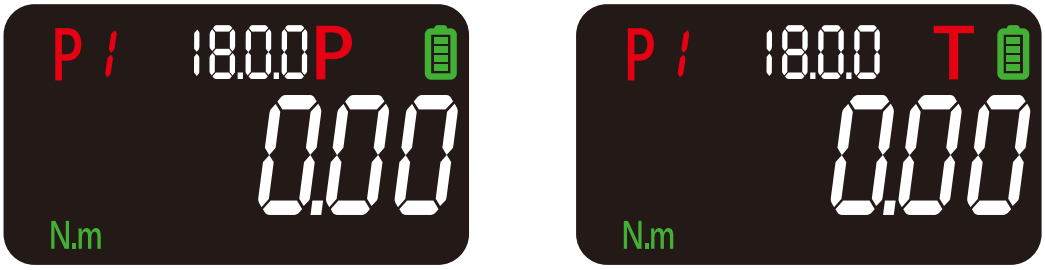


Figure 2. P peak mode (left) and T tracking mode (right). The mode is indicated by the letter P or T on the right side of the top row. The red field on the left does not indicate the mode. The screens show an example setting of 18 N·m; N.m on the display means N·m.

Browsing saved results

A result is saved in the unit selected at the time of saving.

01 With the wrench switched on, hold M to open the memory review.

02 Press ↑ / ↓ to browse the results. Hold a button for 3 s to browse quickly.

03 Press C to exit the memory review.

Switching off

After finishing work, hold C for 3 s. The wrench switches off automatically after 120 s of inactivity.

Maintenance

Batteries

> **CAUTION**
> Incorrect use of batteries can damage the batteries and cause permanent failure of the wrench's electronics.

Insert AAA alkaline batteries according to the polarity markings. Use batteries of the same type.

Do not charge alkaline batteries. If you will not use the wrench for an extended period, remove the batteries.

Calibration and repair

Have the wrench calibrated once a year or after 5000 tightening operations, whichever comes first.

After an overload, have the wrench repaired and recalibrated by the service centre - submit a request at wipcool.pl/serwis.

Troubleshooting

Problem	Possible cause	Solution
The wrench does not switch on	Batteries are not inserted	Insert the batteries according to the polarity markings.
The wrench switches off after a short time	Batteries are depleted or damaged	Replace the batteries with new ones.
The wrench switches off after a short time	Damaged electronics	Have the service centre repair the wrench - submit a request at wipcool.pl/serwis.
The wrench does not reach the set torque	Batteries are depleted	Replace the batteries with new ones.
The wrench does not reach the set torque	Overheating	Put the wrench down and wait for it to cool.
Abnormal vibrations	Batteries are inserted incorrectly	Switch off the wrench immediately. Insert the batteries according to the polarity markings.
The wrench does not respond to the buttons or does not switch off	Batteries are losing power	Replace the batteries with new ones.
The wrench does not respond to the buttons or does not switch off	Drive, mechanism or electronics failure	Remove the batteries. Have the service centre repair the wrench - submit a request at wipcool.pl/serwis.

Waste electrical and electronic equipment

01



The crossed-out bin symbol means that the device must not be disposed of with other waste at the end of its life.

Under applicable regulations on waste electrical and electronic equipment, products marked with the separate collection symbol must not be disposed of with other municipal waste. Because they contain harmful substances, electronic products that are not collected separately may be hazardous to the environment and human health. Proper separate collection of waste electrical and electronic equipment prevents adverse effects on the environment.

By taking waste equipment to a collection point, you contribute to its reuse, recycling and recovery.

Recycling - one method of protecting the environment. The process of recovering substances from waste that can be reused as raw materials.

Waste recovery - the use of waste that has lost its practical value, such as plastics, paper and cardboard, as secondary raw materials (also commonly used to mean destruction of waste).

Information on the collection system for waste electrical and electronic equipment

- Waste electrical and electronic equipment must not be disposed of with other waste.
- The collection of incomplete electrical and electronic equipment and parts from waste equipment is prohibited.
- A distributor delivering equipment intended for households to a purchaser must collect waste household equipment free of charge at the place of delivery, provided that the waste equipment is of the same type and performs the same function as the equipment delivered.
- You can hand over waste equipment to a waste equipment collector, a treatment facility or a municipal waste collector in your municipality.
- Information about collection points is available on the BIP public information websites of regional, city and municipal offices.

Service and documents

Before submitting a service request, prepare:

- Model - shown on the product nameplate and on the invoice.
- Serial number - if there is none, provide the production number (e.g. 11/2025), usually found on the underside of the product.
- Proof of purchase - an invoice or receipt from an authorised distributor.
- Description of the fault - what happens, when it started and under what conditions.

You can submit a service request at wipcool.pl/serwis. The warranty terms are also available there.

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SERVICE AND DOCUMENTS

HTW-80 · Operating manual

EDITION DETAILS

Model	**HTW-80**
Edition	**05.11.2026 · EN**
Manufacturer	**Zhejiang Wipcool Refrigeration Equipment Co., Ltd.**
Authorised representative	**4REF sp. z o.o., ul. gen. Władysława Andersa 38, 15-113 Białystok**

wipcool.eu

- online manual and other languages
- data sheet and declaration of conformity
- service and requests

CE

The CE marking confirms the declared conformity with EU requirements.
Crossed-out bin: do not dispose of used equipment with household waste.