

# wipcool®

IDEAL PRODUCTS FOR HVAC



## 数显扭矩扳手

### Digital Torque Wrench

-Operation Manual-

## Instructions Before Use



**Before using the digital torque wrench, please read the user manual carefully.**

- Do not use while in the power-off state.
- Do not press any buttons while applying force.
- Do not use the digital torque adapter to disassemble screws or nuts.
- Do not overload the digital torque wrench. Exceeding the maximum torque value **(80N)** will cause damage to the digital torque wrench.
- For your own safety and to avoid damaging the digital torque wrench, please use the digital torque wrench correctly.
- Please select the correct socket size for the bolt. Before use, make sure the force applied is within the range of the torque wrench. Overloading may damage the torque wrench.
- If the applied force exceeds the range of the torque wrench, it needs to be returned to the factory for repair and re-calibration.
- The operator and bystanders should wear protective goggles.
- Adjust the posture properly to prevent falls.
- To ensure the accuracy of the digital torque wrench, regular calibration is required (every 365 days or 5000 uses).
- Do not use the digital torque wrench on live equipment.
- Apart from replacing the batteries, do not disassemble the digital torque wrench. If you disassemble it yourself, it cannot be repaired.

## Regarding the Battery

The digital torque wrench only uses 3\*AAA 7 batteries.

The incorrect use of batteries may result in battery damage, internal chip burnout, and circuit board burn out, resulting in irreversible damage.

- Install the battery strictly in accordance with the (+ -) direction indicated in the instruction manual.
- If the digital torque wrench is not used for a long time, please remove the battery.
- The same type of battery must be used.
- Alkaline batteries cannot be recharged.

## Technic Data

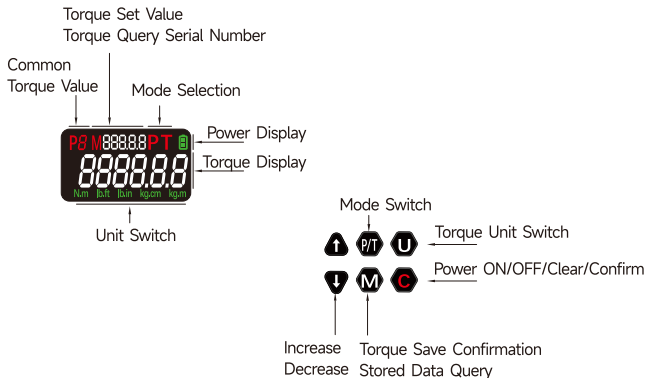
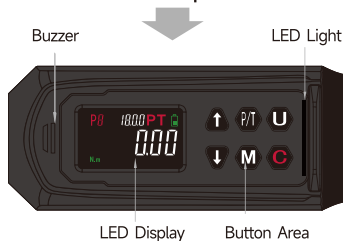
Jaw Size	Torque Range	Accuracy	Length(mm)	Weight(g)	Accessory
5 – 30 mm	1.2-80 N·m	±2 %	280	550	3/8" Ratchet Round Head

# Digital Torque Wrench User Manual

Make sure the digital torque wrench is not under load, then press the C key briefly to turn on the device. A beep will sound.



## Function Options



## Boot Operation

It needs to be turned on without loading force, otherwise it may damage the torque sensor.

**Press the C key briefly to power on, and the buzzer will sound once.**



## Shutdown operation

It needs to be turned off without loading force, otherwise it may damage the digital torque Wrench.

**Manual shutdown-** Long press and hold the C key for 3 seconds to shut down.

**Automatic shutdown-** If there is no applied load, the digital torque wrench will automatically shut down after 120 seconds of inactivity.



## Mode Switch



N.m lb.ft lb.in kg.cm kg.m

Press the U key briefly to switch the torque unit sequentially.

## Mode Switch



Press the P/T key briefly to switch the torque mode.  
Special explanation: Vibration motor is the option function.

## Mode Description

### Track mode T - Peak mode P

#### Track mode T

The indicated value changes in real-time according to the magnitude of the applied force. After the unloading force, The display value is zero.

After reaching the maximum torque value, the buzzer will sound for a long time - the vibration motor is turned on.

#### Peak mode P

In peak mode, when the torque reaches 80% of the maximum value, the buzzer sounds once. When it reaches 90%, the buzzer sounds at an increased frequency and the yellow LED lights up. When it reaches 100%, the buzzer sounds continuously and the red LED lights up-Vibration motor opens. After releasing force, the data is saved for 10 seconds, press M key will save data. It automatically returns to zero after 10 seconds without operation.

## Set Torque Value



Data description in the left figure:  
A set of data has a set value of 18N.m  
The mode is peak mode. The unit is N.m

Schematic Diagram

- Short press the up and down arrows to activate the torque setting data.
- The system can store 10 commonly used torque values.
- First press the up and down keys to adjust the group. After confirming the group, press the M key to activate the group. Then press the up and down keys to adjust the data (press and hold for 2 seconds to activate quick adjustment), then press the C key to exit.
- After confirming the torque value, press the C key to confirm and return to the initial screen.
- Short press the up and down arrows to directly select internal storage, confirm and press the C key to confirm.

## Query stored value



- Press and hold the M key to activate torque query data.
- 500 sets of torque values can be stored in the system.
- Press the up and down keys again to query stored data, press and hold for 3 seconds for quick query.
- Press C key to exit the query interface.

**Note:** The data queried is saved according to the torque unit.

## Delete Stored Values



- Press and hold the M key to activate the torque query data.
- Press the U key again to enter the torque deletion interface.
- After entering the deletion interface, ALL and ONE will appear in turn.

**ALL** - Indicate to delete all internal data.

**ONE** - Indicate to delete a single data.

**After confirming the type, press the M key again to delete.**

**When the SUCC characters appear, it means that the deletion is successful.**

## 一、使用须知

■ 尊敬的用户,感谢您对本公司的信赖与支持,欢迎您使用维朋公司产品,我们将竭诚为您提供优质的产品。

■ 请您仔细检查收到的产品是否与订购产品一致, 备附件、使用说明等是否齐全, 运输过程中是否有损坏, 如果发现上述情形请及时与本公司或当地经销商联系。

■ 在使用本产品前,请您务必仔细阅读此说明书,按产品操作规程进行操作。

■ 产品(包括说明书)以后若有任何改动,请恕不另行通知。

### 使用扭矩扳手前, 请先阅读操作手册。

-关机状态下, 禁止使用。

-在施加力的过程中,请不要按任何按键。

-禁止使用扭力扳手来拆卸螺丝-螺帽。

-禁止超载使用。超过最大扭矩值时,将会造成扭矩计的损坏。

-为了自身安全及避免损坏扳手,请正确的使用扭矩扳手。

-针对螺栓,请选择正确的套筒规格。

-使用前,请确保施加的力在扭矩计范围内,超载将损坏扭矩计。

-施加的力,超过扭矩计的量程后,需返厂重新进行维修校正。

-适当的调整姿势,防止跌倒。

-操作者与旁观者应带好防护眼镜。

-为了确保扭矩扳手的精度,定期进行校正(365天或5000次)

-请勿在通电的设备上使用扭矩扳手。

-除安装电池外,不可任意拆卸扭矩计;

若自行拆卸扭矩计,将无法修复。

## 关于电池

仅使用AAA7电池, 错误的使用电池将会导致电池损坏或内部芯片烧毁及线路板烧毁, 造成不可逆的故障。

-严格安装说明书上的表明的(+)方向正确安装。

-若长时间不使用扭矩计时,请务必将电池取出。

-必须使用相同类型的电池, 不能对碱性电池进行充电

## 技术参数

开口大小	扭矩范围	精度	长度(mm)	重量(g)	配件
5 - 30 mm	1.2-80 N·m	±2 %	280	550	3/8" 棘轮头

## 电子扭矩计使用说明

先确认扭矩计没有受力,再短按C键开机,蜂鸣器响一声。



### 开机操作

需在无加载力的情况下开机,否则可能造成扭力扳手损坏。

短按C键开机,蜂鸣器响一声。





## 关机操作

需在无加载力的情况下关机,否则可能造成扭力扳手损坏。

**手动关机**--长按C键3秒关机。

**自动关机**--未加载力的情况下, 120秒无任何操作,扭力扳手自动关机。



## 单位切换

需在无加载力的情况下关机,否则可能造成扭力扳手损坏。

**手动关机**--长按C键3秒关机。

**自动关机**--未加载力的情况下, 120秒无任何操作,扭力扳手自动关机。

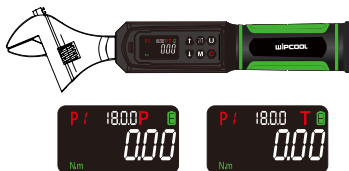


N.m lb.ft lb.in kg.cm kg.m

短按U键, 依次切换扭矩单位。

## 模式切换

短按P/T键,切换扭矩模式。



## 模式说明

**预制模式T 峰值模式 P**

**预制模式T**

示值随施加力的大小实时进行变化,卸力后,显示值归零。达到最大扭矩值后,蜂鸣器长鸣-震动马达开启。

**峰值模式P**

峰值模式下(达到80%时, (绿灯亮)蜂鸣器间隙报警;达到90%时,(黄灯亮)蜂鸣器增加频率;达到100%后, (红灯亮)蜂鸣器长鸣-震动马达打开)。卸力后,数据保存10秒钟,按M键将保存数据。无操作10秒后自动归零。

## 设定扭矩值



示意图

左图中数据说明  
一组数据设定值为18N.m  
模式为峰值模式  
单位为N.m

- 短按上下箭头激活扭矩设定数据。
- 系统中可以存储9组常用扭矩值。
- 先按上下键调整组别，确认组别后，按M键激活组别，再上下键调整数据(长按2秒激活快速调整)，然后按C退出。
- 确认扭矩值后，按C键确认。回到初始画面。
- 短按上下箭头，可以直接进行内部存储选择，确认后，按C键确认。

## 查询储存值



- 长按M键激活扭矩查询数据。
- 系统中可以存储500组扭矩值。
- 再按上下箭头进行存储数据查询，长按3秒快速查询。
- 按C键退出查询界面。

备注查询的数据是按扭矩使用单位进行保存。

## 删除储存值



- 长按M键激活扭矩查询数据。
- 再次按U键进行删除界面。
- 进入删除界面后依次会出现ALL和ONE。
  - ALL---表示删除内部所有数据
  - ONE---表示删除单个数据
- 确认好选择类型后，再次按M键进行删除，出现SUCC字符后，表示删除成功。