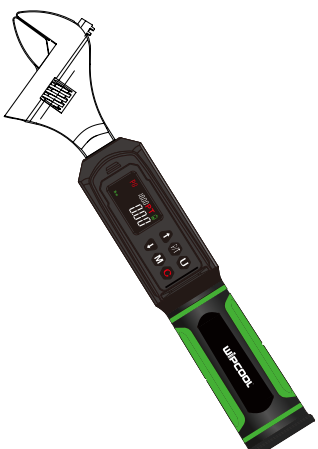
WIPCOOL®

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

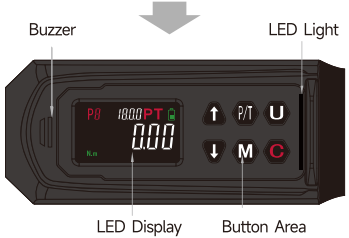
Jaw Size	Torque Range	Accuracy	Length(mm)	Weight(g)	Accessory
5 – 30 mm	1.2-80 N·m	±2 %	280	550	3/8" Ratchet Round Head

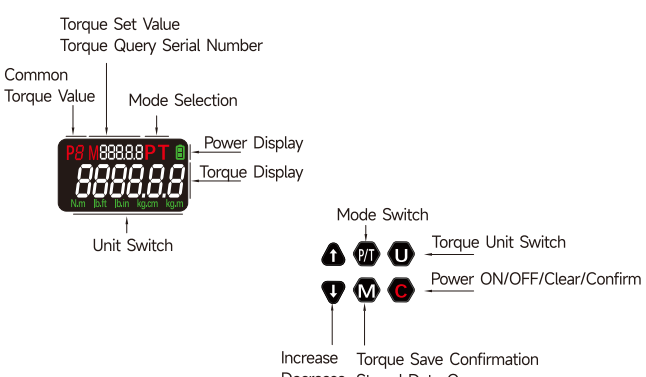
Digital Torque Wrench User Manual

Make sure the digital torque wrench is not under load, thenpress 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





Schematic Diagram

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

-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

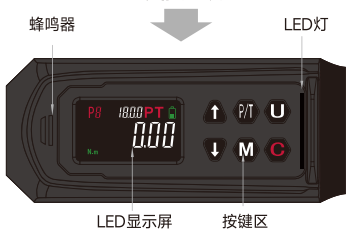
开口大小	扭矩范围	精度	长度(mm)	重量(g)	配件
5 – 30 mm	1.2-80 N·m	±2 %	280	550	3/8" 棘轮头

电子扭矩计使用说明

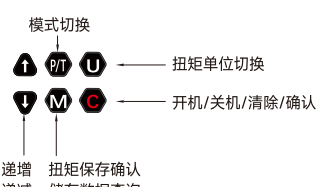
先确认扭矩计没有受力,再短按C键开机,蜂鸣器响一声。



功能选项







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,扭矩扳手自动关机。



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,扭矩扳手自动关机。





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。达到最大扭力值后,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。