



Digital Torque Adapter User Manual



One.Overview

Thank you for purchasing SISCO digital torque meter. Please read this product manual carefully before use. You will find this torque meter is very easy to use. This torque meter can only be used with a ratchet wrench normally. It is suitable for precise torque control of bolt fastening and disassembly. It is simple to operate, portable, and applicable to a wide range industries.

Two.Feature

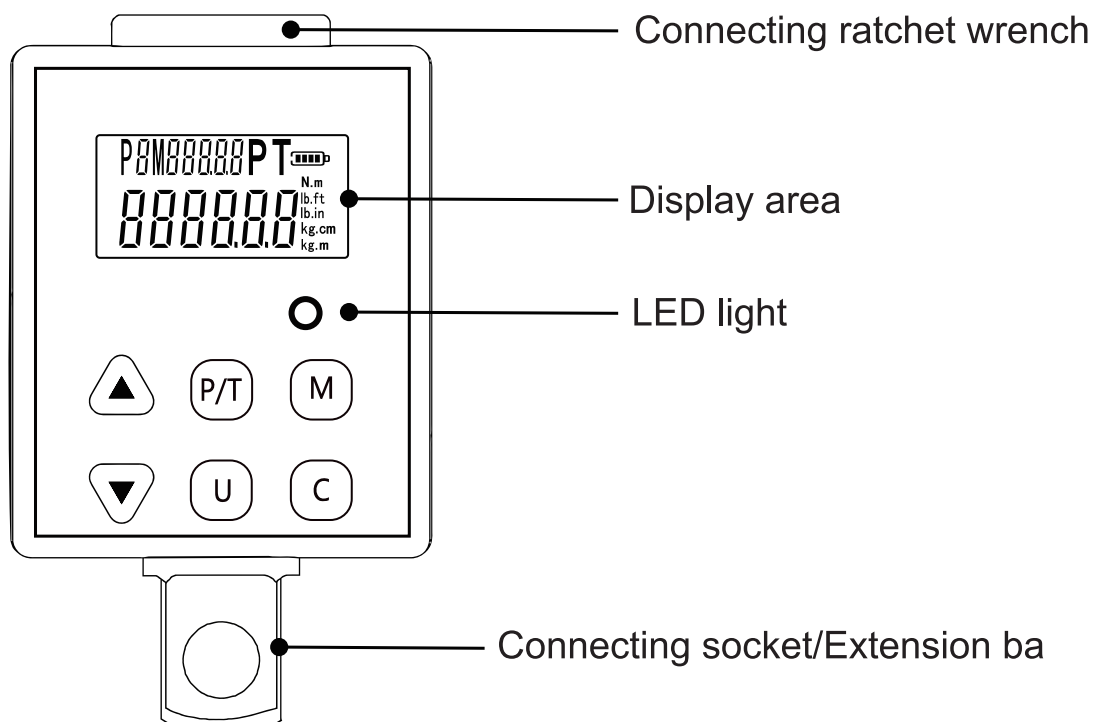
- Precision: Clockwise 2% and counterclockwise 2.5%.
- 5 units of torque: N.m, lbf.ft, lbf.in, kgf.m, kgf.cm
- Buzzer and LED light alarm: Prompt the operator in advance that the preset torque value is about to be reached.
- Backlight function: It is easy to read even at night or in dim light.
- Double mode operation: Tracking mode T and Peak mode P.
- Preset torque values are displayed at the top of the screen
- Memory storage
- Overload warning
- Power saving design: 90 seconds of no operation automatic shutdown to avoid excessive power consumption.

Three.Component description

Key description

Key	Short press	Long press
C	Power on/Return to the measurement interface/Reset	Power off
U	Unit switching Storage page: Select the ALL or ONE data deletion mode	Backlight on/off
M	1. Peak P mode: Save the peak torque value 2. Storage page: Confirm the deletion	Enter the storage page
P/T	Switch between peak P and tracking T modes	Buzzer on/off
	1. The Prest torque value is increased by 1 or 0.1 or 0.01 (Varies according to the selected torque unit) 2. The storage number increases	1. The Preset torque value increases rapidly 2. The storage number increases rapidly
	1. The Prest torque value is decreased by 1 or 0.1 or 0.01 2. The storage number decreases	1. The Preset torque value decreases rapidly 2. The storage number decreases rapidly

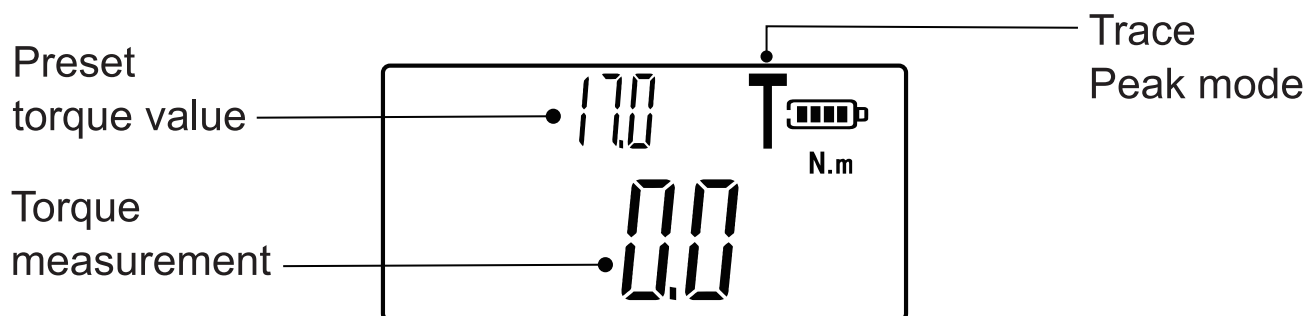
Body description



Four. How to use the torque meter

Power on and power off

Short press the C key to power on, enter the measurement interfacen.



Long press the C key to power off, more than 90 seconds without use will be automatically shut down. If the battery power is insufficient,the battery icon flashes three times before automatically shutting down. Please replace the battery and use it normally.

How to Preset torque value

Preset torque:

In the measurement interface, short press "▲" or "▼" key to enter the preset torque value interface. After setting the alarm torque value, press the C key to return to the measurement interface.

Note: Be sure to press C key to return to the measurement interface to load the measurement, otherwise, the torque value will not change.

- ▲ key: Increase preset torque value
- ▼ key: Decrease preset torque value
- Short press "+" or "-" key: The preset value will increase/decrease by 0.01 or 0.1 or 1 (depending on the torque unit) each time, which is suitable for approaching the preset torque value,
- Long press "+" or "-" key: The preset value will increase/decrease fastly, suitable for use when there is a large difference from the preset torque target value.

Alarm prompt Description:

When the applied torque value reaches 80% of the preset torque value, the buzzer emits a "beep - beep - beep" sound, the frequency is low, and the LED light flashes. When the applied torque value is greater than 90% of the preset value, the buzzer and the LED light blink faster. When the applied torque value is equal to greater than 100% of the preset value, the buzzer keeps ringing and the LED light is always on. At the same time observe the screen torque value, the operation is finished.

How to select torque unit

In the measurement interface, short press the "U" key to switch the torque units. N.m, lbf.ft, lbf.in, kgf.m, kgf.cm

	Lbf.in	Lbf.ft	N.m	Kgf.cm	Kgf.m
1 lbf.in	1	0.083	0.113	1.1519	0.0115
1 lbf.ft	12	1	1.356	13.824	0.1382
1 N.m	8.853	0.7375	1	10.2	0.102
1 kgf.cm	0.8679	0.0723	0.0981	1	0.01
kgf.m	86.8100	7.234	9.804	100	1

How to select the measurement mode P/T

The measurement modes include tracking mode T and peak mode P. Press "P/T" key to switch between P and T

Trace mode T :

When the force is loaded, the current torque value is dynamically displayed on the screen, the torque value increases with the increase of the load force, and decreases with the decrease of the load force. When there is no load at all, the torque value on the screen returns to 0.0

Peak mode P:

When the force is loaded, the current torque value is dynamically displayed on the screen. The torque value increases as the load force increases, and the display torque value does not decrease as the load force decreases, but shows the maximum torque value (peak value).

How to reset zero

When there is no load at all, press the C key to clear the torque value to zero and the screen displays 0.0. If you press the C key, the screen displays a number other than 0.0, please check whether the torque meter is in the state of loading force.

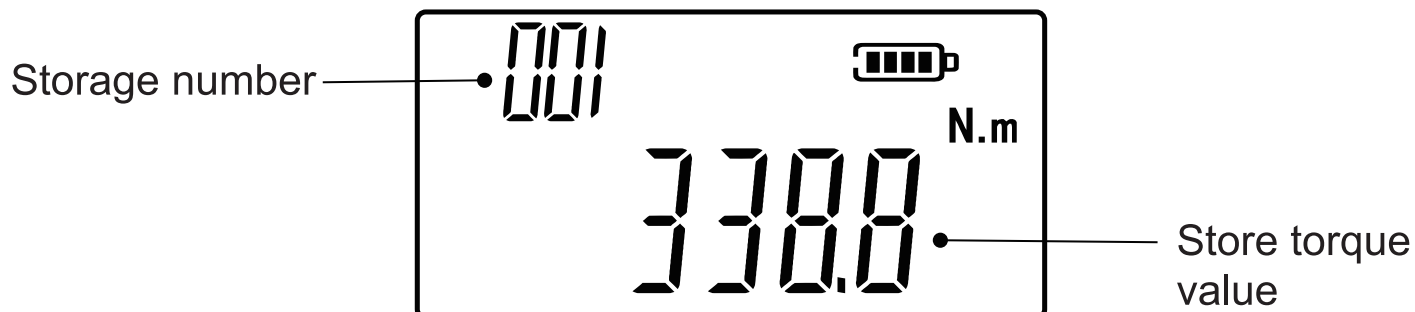
How to save/view/delete data

Save data:

Use the storage function only in peak mode P. The measured peak value is displayed on the screen. Press M key to save the data successfully.

View data:

On the measurement interface, long press M key to enter the data store page.



- ALL: ALL data can be deleted
- ONE: A single data can be deleted
- Press U to switch between ALL and ONE.
- Short press "▲" or "▼" key: To increase or decrease the storage number by a multiple of 1 each time.
- Long press "▲" or "▼" key: To increase or decrease the storage number by a multiple of 10 each time.
- Press C key to return to the measurement interface.

Delete data:

Delete all

Long press the M key in the measurement interface to enter the storage data view page, short press the U key, select "ALL", and press the M key again, then it will be displayed "SUCC". That means delete all stored data at once, and press C key to return the measurement interface.

Single deletion

Long press the M key in the measurement interface to enter the storage data view page, press U key, select "ONE", then press the M key and display "SUCC". Delete the current data, and press the C key to return the measurement interface

Other key operation description

- Backlight on or off: On the measurement interface ,long press U key to turn it on or off.
- Buzzer on or off: On the measurement interface,long press the P/T key to turn it on or off.

Overload Warning

When the load exceeds 105% of the maximum measuring range, the screen prompts "[---]" to prohibit overloading, otherwise the torque meter will be damaged.

Five.Maintenance and storage

- To maintain good accuracy, it is recommended to recalibrate every year or 10000 times.
- Overloading may damage the torque meter and deteriorate accuracy (not exceeding 105% of the maximum torque range).
- Do not shake the torque meter violently or fall it on the ground.
- Do not place the torque meter in high temperature, high humidity, or direct sunlight.
- If the torque meter gets wet, wipe it down immediately
- Please do not press the LCD screen too hard.
- If not used for a long time, please remove the battery and store it to avoid battery fluid leakage and damage to the torque meter.