

AWJ digital display torque wrench



I. Overview

1.1 Main purpose and scope of application

AWJ Ratchet head Digital display Torque wrench 和 AWJ Interchangeable head digital display wrench Different from ordinary torque wrenches, among them AWJ Interchangeable head wrench Its own ratchet head can random Replace with plugs such as open head, plum head, movable open head, etc. Use both It has powerful operation functions, including torque setting; unit setting; mode setting; value storage; value clearing; value output and user correction function. Easy to operate, by installing digital display Screen down Requirements for the operator. It is suitable for bolt tightening and control in automobile industry and machinery industry.

1.2 Features

1.2.1 Digital display torque reading

1.2.2 Clockwise $\pm 2\%$, Counterclockwise $\pm 2.5\%$ Accuracy (of the MAX operating range 20 ~ 100%)

1.2.3 Can operate clockwise and counterclockwise

- 1.2.4Peak hold and real-time mode
- 1.2.5Buzzer andLCDIndication (when the predetermined torque value is reached)
- 1.2.6Four engineering units (ft.lb、in.lb、 N.m、 kgf.cm)
- 1.2.799 组 Recordable value can be stored
- 1.2.8 5Automatic shutdown in minutes

1.3Product model selection

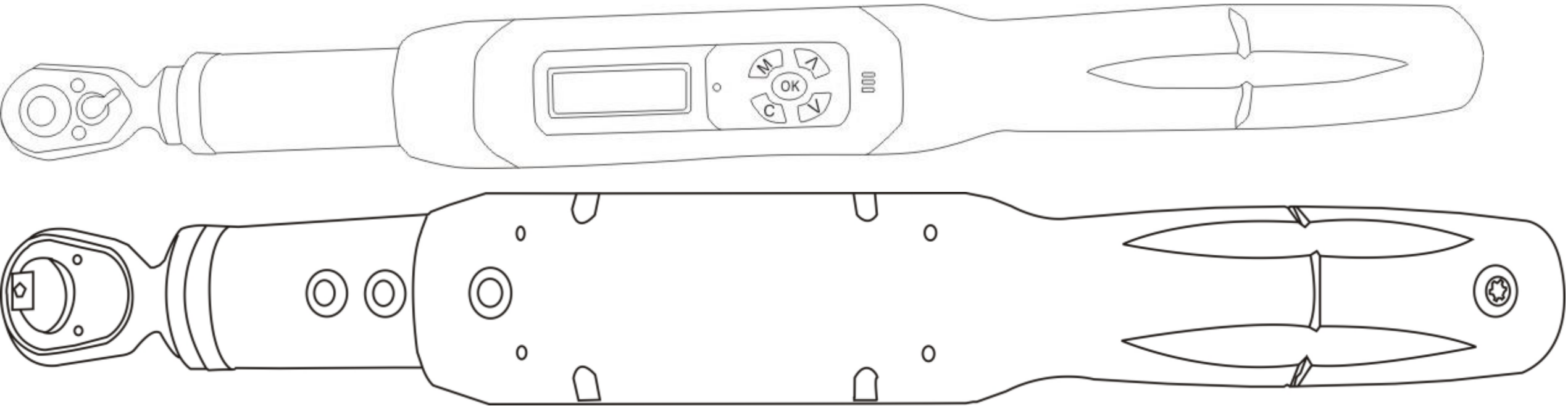
①: Accuracy

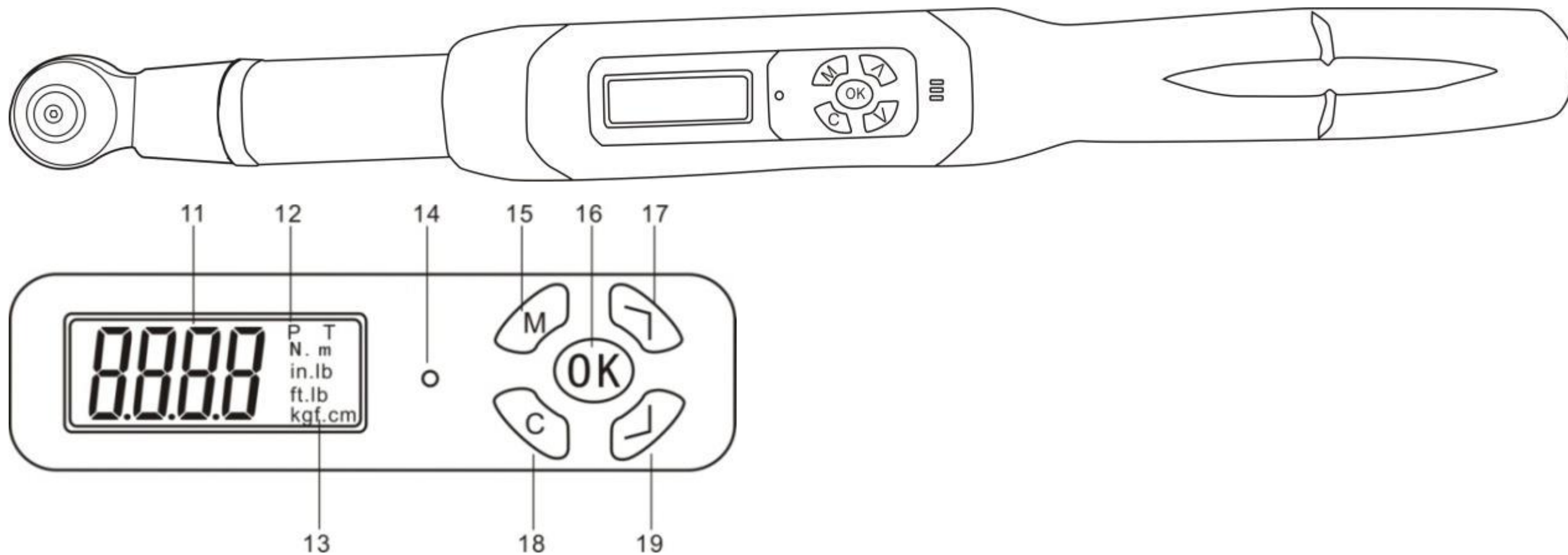
Accuracy	
±2%-Clockwise/±2.5%-Counterclockwise	

②: Whether with communication function

Communication transmission function	
无	无

1.4 各 Component functions and names





1, Two-way ratchet head 11, Torque value

2、 Steering paddle12、 P(Peak mode),T(Real-time mode)

3、 main body 13,unit(N.m、 in.lb、 ft.lb、 kgf.cm)

4、 LCDscreen14、 ledIndicator light

5,button15, Menu button

6,buzzer16, OK button

7,Battery case 17, Up button

8,battery cover 18, Cancel button

9, Ratchet torque square head 19, Down button

10, Grip

二, Product technical specifications

model	AWJ2- 0010	AWJ2- 0030	AWJ3- 0030	AWJ3- 0060	AWJ3- 0085	AWJ3- 0135	AWJ4- 0135	AWJ4-0200	AWJ4- 0340	AWJ6- 0500	AWJ6- 0850
	AWJC1 -010	AWJC1 -030A	AWJC1 -030B	AWJC1 -060	AWJC1 -085	AWJC1 -135	AWJC2 -135	AWJC2 -200	AWJC2 -340		
MIN index value	0.01					0.1					
MAX operating range (N.m)	10N.m / 7.37ft.lb / 88.50in.lb / 101.97kgf.cm	30N.m / 22.12ft.lb / 265.5in.lb / 305.91kgf.cm	30N.m / 22.12ft.lb / 265.5in.lb / 305.91kgf.cm	60N.m / 44.25ft.lb / 531.04in.lb / 611.82kgf.cm	85N.m / 62.69ft.lb / 752.31in.lb / 866.75kgf.cm	135N.m / 99.57ft.lb / 1195in.lb / 1376.61kgf.cm	135N.m / 99.57ft.lb / 1195in.lb / 1376.61kgf.cm	200N.m / 147.5ft.lb / 1770in.lb / 2039.43kgf.cm	340N.m / 250ft.lb / 3009in.lb / 3467.03kgf.cm	500N.m / 4424in.lb / 368.7ft.lb / 5098.58kgf.cm	850N.m / 7521in.lb / 626.8ft.ln / 8667.58kgf.cm
Connector(inches)	1/4		3/8				1/2			3/4	
Interchangeable head connection size	9 * 12						14 * 18				
Buzzer setting range (N.m)	0.5 ~ 10	1.5 ~ 30	1.5 ~ 30	3 ~ 60	4.25 ~ 85	6.75 ~ 135	6.75 ~ 135	10 ~ 200	17 ~ 340	25 ~ 500	42.5 ~ 850
length	390		420				535		655	950	1220
Accuracy*1	Clockwise: ±2%									Clockwise: ±2.5%	
	Counterclockwise: ±2.5%									Counterclockwise: ±3.5%	
Data storage capacity	100										
Operating mode	Peak holdP) /Real-time mode (T)										
unit	N.m、in.lb、ft.lb、kgf.cm										
ratchetHead form	Two-way ratchet head										
Ratchet head teeth	36									48	
Number of keys	5										
battery	2 节 1.5V 5Size battery										
Operating temperature	-10℃~ 60℃										
storage temperature	-20℃~ 70℃										
humidity	No condensation90%										
Drop test height	1 米										
Vibration test conditions*2	10G										
life span test* 3	10000 次										

3. How to use

3.1、Zero switch : Press the C button to boot, if there is a force value after the boot, you can press the C button to clear it, enter the sleep mode for 5 minutes without operation, press the C button to start, and also choose to press the C button to shut down.

3.2、Preset value setting method : Under normal power-on state, short press the M key on the measurement interface, and use the up and down keys to switch the preset value you need. After setting the preset value, the system will automatically save the preset value. Press the M key continuously until you return to the measurement interface.

3.3Real-time and peak mode setting method : The default real-time mode T of this product is turned on. If you want to switch the peak mode P, you need to press the M key twice in the measurement interface, NODE appears, and then you can choose the TP switching mode through the up and down keys. After the selection is completed, press the M key continuously until you return to the measurement interface That's it.

3.4、Unit mode setting method : This product hasN.m、in.lb、ft.lb、kgf.cmFour unit mode selection, can be switched according to actual use. Setting method in measurementShort press the interface three timesM 键 , appearUNLT,Then you can use the up and down keys to select the unit mode you need. After the selection is complete, press the M key continuously until you return to the measurement interface.

3.5、Data storage and viewing method : Data saving. In the P peak mode, the measured data can be saved directly by pressing the C key. Press the OK key to save. After saving, it will automatically return to the measurement interface to test again. In this cycle, the data can be saved in 99 groups The numbers are 001.002 099).

View data. Short press M key 4 on the measurement interface to view the saved data group (display 0000 when there is no data saved). You can view the data number by pressing the up and down keys. No detailed display of the force value stored by the number is displayed in two seconds. Then press the M key continuously until you return to the measurement interface.

3.6、Clear data storage value : Short press M key 5 on the measurement interface, CLR appears, then press C key to display NO? Then press C key to confirm and clear, and display DEL to return to the measurement interface directly after completion (If you press the M key on the NO? Interface, you will give up deleting and return to the measurement interface. Note: Clearing the data is done all at once, so there is no single operation)

four,notematter:

4.1 In order to maintain good accuracy, it is recommended to recalibrate once every year.

4.2、 Over-torque may cause damage or loss of accuracy (more than MAX torque range105%).

4.33. Do not shake the wrench violently or drop the wrench on the ground.

4.41. Do not use the wrench as a hammer.

4.52. Do not place the wrench in a place with high temperature, high humidity or direct sunlight.

4.61. Do not use a wrench near water.

4.7If you accidentally get the wrench wet, please wipe it dry with a dry towel immediately. Salt in the sea water may damage the wrench.

4.81. Do not use organic solvents to clean the wrench, such as alcohol or paint thinner.

- 4.93. Do not put the wrench near magnetic objects.
- 4.102. Do not place the wrench in a place where there is a lot of dust or sand. This will cause serious damage to the wrench.
- 4.11, Do not pressLCDscreen.

五、 Battery disposal

- 5.12. If the torque wrench is not used for a long time, please remove the battery.
- 5.21. When you need to travel long distances or in cold areas, please prepare spare batteries.
- 5.31. Do not mix batteries of different brands, and do not mix old and new batteries.
- 5.4, Sweat, oil, etc. will hinder the contact of the battery electrode, please wipe the battery clean before putting in the torque wrench.
- 5.53. Please discard the used batteries in the designated recycling place.Do not put the battery into fire.

六, Schedule of random attachments

1	Desiccant	1 包
2	5Vbattery	1 对
3	Battery box key	1 把
4	Instructions	1 份
5	Certificate of conformity+Warranty Card	1 份
Note:AWJ 与 AWJCUnified packaging accessories		

Feedback