

VEVOR

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DIGITAL TORQUE WRENCH

Technical Support and E-Warranty Certificate

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Model: SX11100 / SX3812



This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

1. The maintenance and safety



WARNING!

This product is a high-precision product. Read this material before using this product. SAVE THIS MANUAL

1.1 In order to maintain good accuracy, it is recommended to (Within the maximum torque range of 105%).

1.2 Excessive torque may cause damage or loss of accuracy (over maximum torque range 105%).

1.3 Do not bump or fall the digital display torque wrench during use.

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

1.5 If the digital display torque wrench is accidentally wet, dry it with a dry towel immediately. Take out battery and put battery in after dry.

1.6 Do not hit or hit the display area with sharp hard objects.

1.7 Take out the battery after long-term discontinuance to prevent battery leakage.

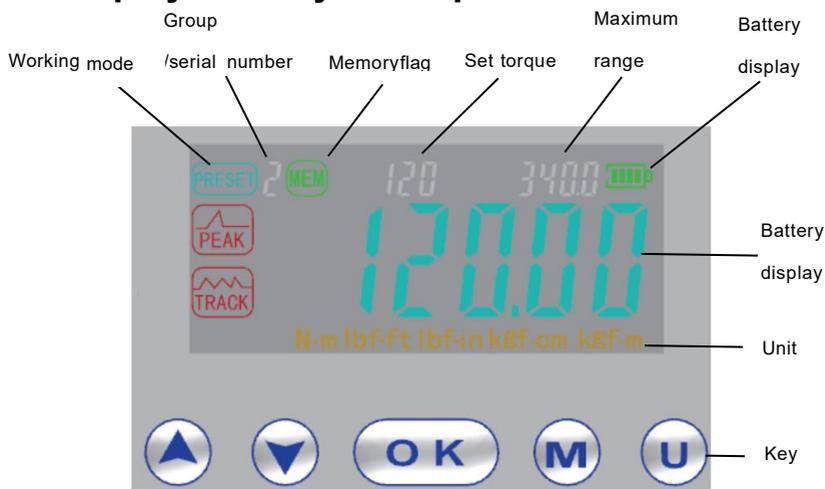
2. Description

Digital display torque wrench is a fastener tightening and disassembly torque detection used with a sleeve Tool, this product adopts strain gauge measurement principle and programmed data processing technology, has shown Accurate value, simple operation, easy to carry, multi-mode setting, sound alarm, vibration reminder, Light prompt, reversible adjustable function features, widely used in aviation, aerospace, ships, Car and home scenes; It is a tool to ensure and improve the assembly quality.

3. Parameter table

Digital Torque Wrench- Parameter table				
1	Model	SX11100	SX3812 (2pcs Wrench in one set)	
2	Drive Size	3/8"	1/2"	3/8"
3	Number of Teeth	72	72	72
4	Torque Range	0-135 N.m	0-220N.m	0-60N.m
5	Battery	1.5V DC AAA*3	1.5V DC AAA*3	1.5V DC AAA*3
7	Length	415mm	525mm	333mm
8	Working environment	-40℃~85℃		
9	Unit	N.m、kgf.cm、lbf-ft、lbf-in 、kgf.m		
10	Precision (Clockwise)	±2%		

4. Display and key description



Key:

▲ : Preset, Add

▼ : Data storage, data viewing, data reduction

OK: Power, Clearing, Confirm

M : Mode Switch

U : Unit Switch

5. Usage Method

5.1. User-defined torque Settings

5.1.1 Power on: Press the OK key;

5.1.2 Set torque: Press ▲ key preset marker  flicker → Press ▲ ▼

key

from 0-9 groups Select serial number → Press M key The white Settings

at the top of the screen blink  → Press ▲ ▼ Key Adjust the required torque value → press the OK key to confirm the setting and enter the standby screen.

5.1.3 Data storage:

Tighten operation → Stop at preset torque → Press ▼ key to store current torque (can store 500 Group data) → The standby screen is automatically displayed

5.1.4 Shutdown: Hold down the OK key.

5.2. Select torque usage from preset group:

5.2.1 Power on: Press the OK key.

5.2.2 Select torque: Press ▲ key preset marker  flicker→

Press ▲ ▼ key from 0-9 groups Select the required preset torque →press the OK key to confirm the setting and enter the standby screen.

5.2.3 Data storage:

Tighten operation → Stop at preset torque → Press ▼ key to save current torque (can be stored 500 data sets) → The standby screen is automatically displayed.

5.2.4 Shutdown: Hold down the OK key.

6. Function introduction

6.1. Torque reminder function:

Preset torque *80% (2s/ beep + green flashing)

Preset torque *90% (1s/ time beep + yellow light flashing)

Preset torque *100% when (continuous beeping + red light flashing)

6.2. Query storage data

On the standby screen → Long press ▼ key → the screen appears 

and the data of No. 001  → Single press ▲ or ▼ key for single page turn view → Long press ▲ or ▼ for 10 consecutive page turn check

Look → Press the OK key to return to the standby screen.

6.3.Data deletion

6.3.1 Single data deletion

On the standby screen → Long press ▼ key → the screen app

ears  and the data of No. 001  → Press ▲ ▼ to select the serial number you want to delete → Long press ▲ or ▼ to turn the page 10 times in a row → press M Key screen

appears ALL  → Press U key screen appears ONE

 → Press M key screen SUCC  appears → The

screen Appears  indicating successful deletion → Press the OK key to return Return to the work interface.

6.3.2 Clearing All Data

On the standby screen → Long press ▼ key → the screen appears

 and the data of No. 001  → Press M key to appear ALL



→ Press M key to appear SUCC



→ Screen

appears



→ Press the OK key to return to the standby screen.

6.3.3 Two modes switch

On the standby screen, press M to switch modes



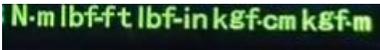
Track Mode



Peak mode

6.3.4 Five types of unit switching

Press U on the standby screen to switch modes



3.5 Automatic Shutdown

It will automatically shut down after 5 minutes in standby mode

3.6 Low Battery Reminder

When the battery is low, it will automatically shut down after 5 buzzes

7. Quick USE Guide



Press the OK button to power on, the light turns on, and then it enters standby mode.



In standby mode, press the M button to switch from PEAK mode to TRACK mode.

Long press the down arrow, "MEM" appears, enter data query mode

5. Torque conversion table

<i>From</i>	<i>To</i>	<i>Multiply</i>
cNm	in-lb	0.0885
cNm	ft-lb	0.00737
cNm	Nm	0.01
Nm	in-lb	8.85074
Nm	ft-lb	0.73756
Nm	kg-cm	10.19716
Nm	kg-m	0.10197

<i>From</i>	<i>To</i>	<i>Multiply</i>
Nm	cNm	100
kg-cm	in-lb	0.86796
kg-cm	ft-lb	0.07233
kg-cm	Nm	0.09806
kg-m	in-lb	86.7961
kg-m	ft-lb	7.23301
kg-m	Nm	9.80665

6.Maintenance

1. Please ensure that you check or calibrate according to ENISO6789.1 after 5000times or 12 months of use your torque wrench;
2. Do not overload the use, beyond the nominal maximum torque of 125% will affect the accuracy of the wrench;
3. Do not place the digital display torque wrench in high temperature,high humidity or direct sunlight;
4. Keep the torque wrench away from dust, oil and other contaminants at all times;
5. Avoid the use of corrosive cleaning agents, do not immerse the torque wrench in the cleaning liquid;
6. Do not knock or hit the display area with sharp hard objects;
7. Take out the battery to prevent battery leakage.

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