

3. Calibration

3.1. Calibration Mode

SWN supports two calibration mode.

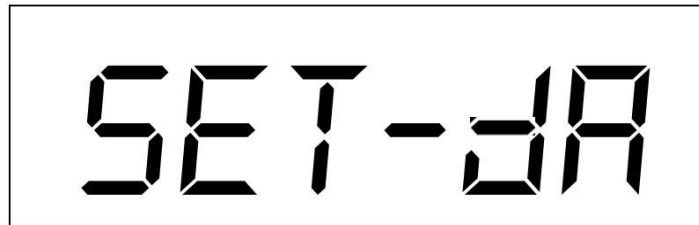
Cal mode 1: Calibration after the initialization data

Cal mode 2: Calibration should only proceed again

After turning on the power, while the number is changed to "999999", "888888", "777777" on the display, calibration jumper short to enter the cal mode 1.

Before turning on the scale, calibration jumper already shorted, turn on power and enter the cal mode 2.

For example, for a 3kg scale, when Cal Mode 1 entry, show as follows:



Since it shows the screen as shown below. The meaning of the figure below is shown in Scale setting Table [TARE] key and change the settings, select the desired settings, press the [ZERO] key.



Capacity	Mode	Interval	e	Resolution
3 kg	3000	dual	0.5/1	1/3000
	3001	single	1	1/3000
	3000.5	single	0.5	1/6000
	3000.2	single	0.2	1/15000
	3000.1	single	0.1	1/30000
6 kg	6000	dual	1/2	1/3000
	6002	single	2	1/3000
	6001	single	1	1/6000
	6000.5	single	0.5	1/12000
	6000.2	single	0.2	1/30000
15 kg	15000	dual	2/5	1/3000
	15005	single	5	1/3000
	15002	single	2	1/7500

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	15001	single	1	1/15000
	15000.5	single	0.5	1/30000
30 kg	30000	dual	5/10	1/3000
	30010	single	10	1/3000
	30005	single	5	1/6000
	30002	single	2	1/15000
	30001	single	1	1/30000

After pressing the [ZERO] key, the display is as follows. When press [TARE] key, digits shift is possible, pressing the [MODE] key to increase the number. After finishing the setting, press the [ZERO] key to save, and exit from the menu.



Parameter setting, see below table.

DIGIT	Description	Value	Description
DIGIT 6	Initial Zero range	0	Disable
		1	±10%
DIGIT 5	Vibration Filter	0~9	Filter level
DIGIT 4	Auto Zero Tracking	0~9	0~9 d
DIGIT 3	Zero compensation	0~9	0~9 d
DIGIT 2	Creep compensation	0~9	0~9 d
DIGIT 1	Decimal display	0	: (colon)
		1	; (semi-colon)

If you enter cal mode 2, it appears as below:



you can only calibrate span calibration.

Apart from calibration mode, SWN supports to change user settings and AD tests such as:

- (1) Change your settings

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After turning on the power scale, while the display are turned on, press the [TARE] key you can change the user settings. Press [TARE] key, and move digits (digit shift) is possible, pressing the [MODE] key to increase the number. After finishing the setting, press the [ZERO] key to save, and exit from the menu.



0 1 1 1 12

DIGIT	Description	Value	Description
DIGIT 6	Use Back light	0	Don't use
		1	Use
DIGIT 5	Use kg	0	Don't use
		1	Use
DIGIT 4	Use lb	0	Don't use
		1	Use
DIGIT 3	Use gram	0	Don't use
		1	Use
DIGIT 2	Use oz	0	Don't use
		1	Use
DIGIT 1	Default Weight Unit	0	Use kg
		1	Use lb
		2	Use gram
		3	Use oz

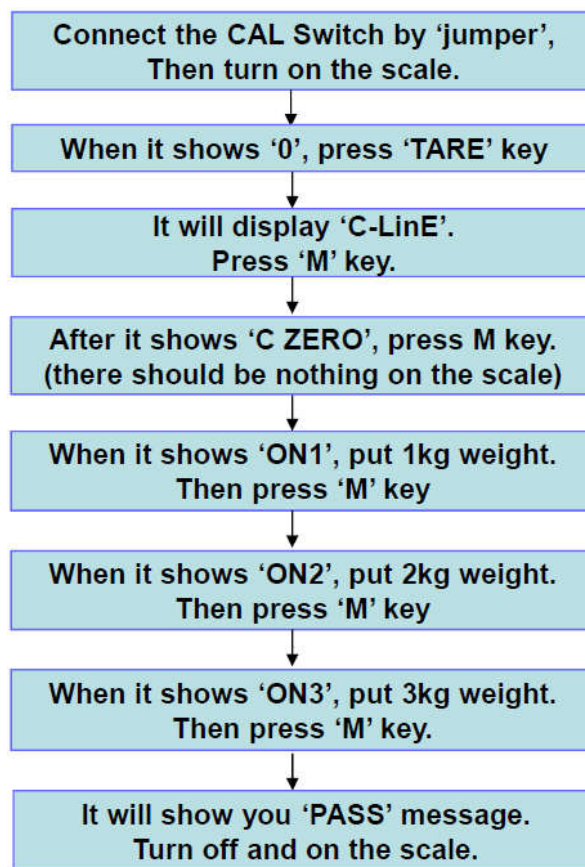
(2) AD test function

If after turning on the power scale, press the [MODE] key nit, you can check the AD value. In this case, press [ZERO] key to exit to the weighing mode.

TEST

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3.2. Span Calibration



(1) Pressing and holding "Calibration Switch" press power on/off switch. It displays "0" message.

(2) Press [TARE] to display "C-line".

C-LINE

(3) Press [ZERO] key and then it displays "zero" message.



A digital display showing the text "C-ZERO" in a large, black, seven-segment font.

(4) Press [M] key and then it displays "On1" message



A digital display showing the text "ON1" in a large, black, seven-segment font.

(5) Load middle weight (ex:1/3 full capacity) on the platform

(6) Press [M] key and then it displays "On2 " message



A digital display showing the text "ON2" in a large, black, seven-segment font.

(7) Load middle weight (ex:2/3 full capacity) on the platform

(8) Press [M] key and then it displays "On3 " message



A digital display showing the text "ON3" in a large, black, seven-segment font.

(9) Load full weight on the platform



A digital display showing the text "PASS" in a large, black, seven-segment font.

(10) Press [ZERO] key and then, the display will show all the segments and count up "9" to "0".