

Technical Manual

DP-6700-II

1. Enter Test Mode

Test mode provides access to calibration, and to system and factory parameter modes. Test Mode is only accessible by break the seal and push the test mode switch. Once breaking the seal, the verification become invalid.


Follow the steps below to perform Open the scale correctly.

1. After removing the battery box lid. Push a deep-set switch indicated by allow with a pin to enter test mode.

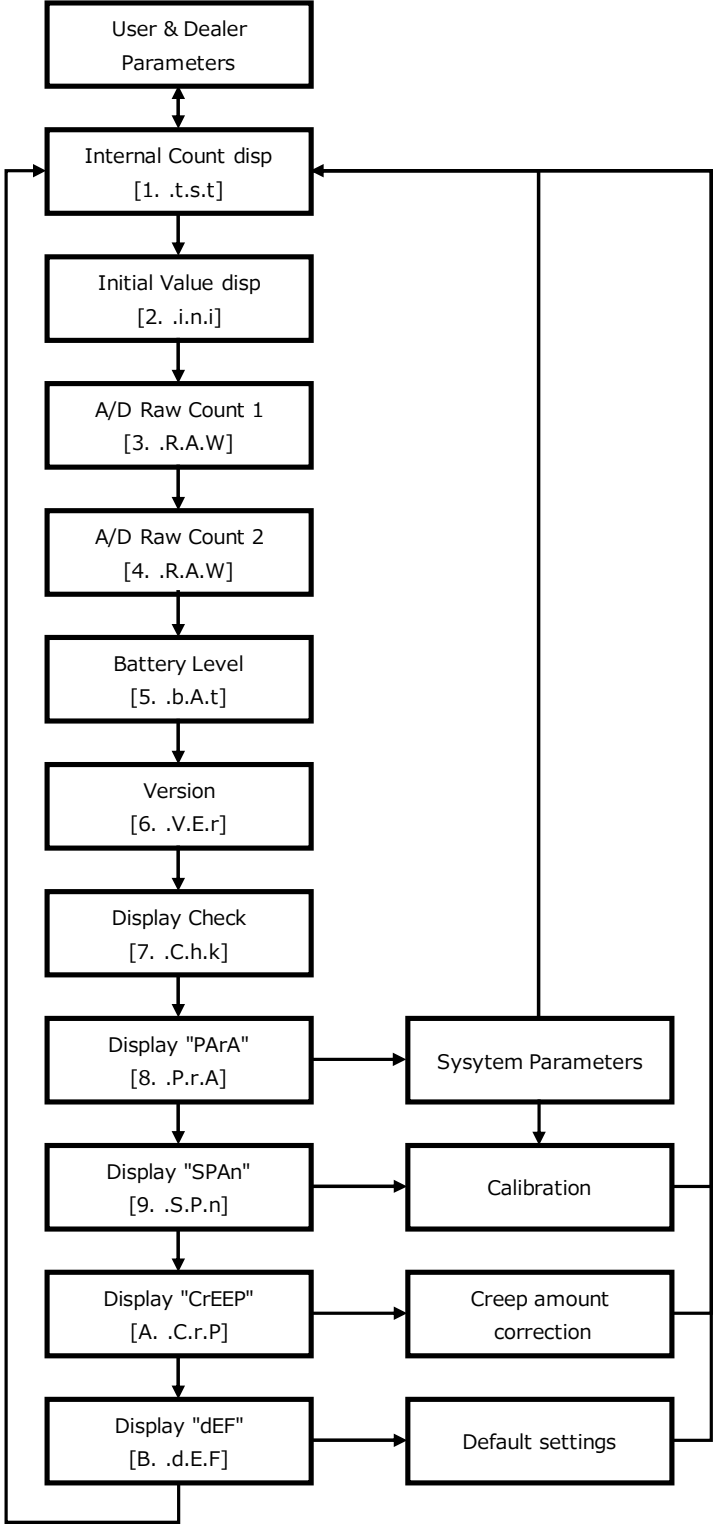


2. In test mode, the internal count displayed and "TEST" indicator lights up.








In test mode, the following types of the internal count are displayed. When the  key is pressed, the internal count, power supply voltage, display check and others are cyclically shown on the panel in the following order.

TEST MODE







2. Changing Parameters

NOTE) The setting method for each parameter mode is the same.

Once in parameter mode use the  key to select the desired parameter, then use the  and  keys to change the set value to the desired value. The arrows above these keys indicate their function. Once the parameter value has been changed, press the  key again to save the change. After all the desired parameter changes have been made, press the  key. It is now ready for use with the changes in effect.

User Parameters



With the scale on and in the normal display mode, press  +  to enter User parameter mode.

#	Function	Value	Description
01	Multi-Function	0: 1: 2: 3: 4: 5:	Suspend Functions Fixed Weighing Check Weighing Grading Counting Subtractive Check Weighing Function
03	Buzzer (option)	0: 1: 2: 3: 4:	No sound Beep at underweight Beep at acceptable weight Beep at overweight Beep at under & over weight
04	Rank judgment	0: 1:	Update judgment display in real time Update judgment display only when stable
05	Automatic power OFF time (When in battery operation)	0: 1: 2: 3: 4: 5:	No Auto power off 5 minutes after no use 10 minutes after no use 15 minutes after no use 30 minutes after no use 60 minutes after no use
07	Blinking of weight display	0: 1: 2: 3: 4: 5:	No blinking Blinks at underweight (Blinks when grading is stable) Blinks at acceptable weight (Blinks when grading is stable) Blinks at overweight (Blinks when grading is stable) Blinks at under & over weight (Blinks when grading is stable) Blinks with the parameter #03 settings. (Blinks when grading is stable)
08	Switching weighing	0: 1:	Additive grading (Judgment by net amount) Subtractive grading (Judgment is made for the weight loaded and unloaded. Addition / communication is only when unloaded)
10	Scale ID	0~99:	ID for scale identification during communication
11	Addition and Send timing	0: 1: 2: 3: 4: 5: 6:	Not to use Addition and Send function Automatic sending (Send at stability) Automatic sending when item is removed (Send at stability) Manual sending (Send with  key) Automatic sending (Send when stable in Acceptable range) Manual sending (When it is stable in the Acceptable range, press ) Continuous sending
12	Communication only	0: 1:	Perform both addition and communication Only communication is performed without addition

#	Function	Value	Description
13	Communication device	0: 1: 2: 3: 4: 5: 6: 7:	Bluetooth (Yamato standard protocol) Not Available RS232C (Yamato standard protocol) Not Available Bluetooth wireless printer (for designated model) Not to use the serial communication function Not Available Not Available
14	Send contents	0: 1: 2:	Net weight Net weight, Tare weight, Gross weight Net weight, Tare weight
15	Baud rate	0: 1: 2: 3: 4: 5: 6: 7:	9600bps 2400bps 4800bps 9600bps 19200bps 38400bps 57600bps 115200bps
16	Character length	0: 1:	8 bit 7 bit
17	Parity	0: 1: 2:	Non Odd Even
18	Stop bit length	0: 1:	1 bit 2 bit
19	Print only total	0: 1:	Also, outputs at every weighing Output only the total, not every weighing
21	Bluetooth Printer Model	0: 1:	Not available Japan only Brother / RJ3050Ai
22	Print font size	0: 1: 2:	Standard size About 1.5 times the standard size About twice the standard size
23	During addition / communication [SEnd] display time	0: 1~15:	No [Send] display 0.1 ~ 1.5 sec.: Display [Send] for a specified second when sending data
24	Unit at power on *Valid at #41 = 002	0: 1: 2: 3:	kg(g) lb oz lb oz
25	LED brightness	0: 1: 2: 3:	brightness 25% brightness 50% brightness 75% brightness100%
26	Date and time data sending Bluetooth Printer	0: 1:	Not include date and time data Including date and time data (related #29)
27	Set value data sending Bluetooth Printer	0: 1:	Not include function setting value data Include function setting value data
28	Paper feed amount each time Bluetooth Printer	0: 1~15:	None Standard space + Skip a specified line
29	Wireless printer print characters Bluetooth printer	0: 1: 2:	Japanese English (GBR) English (USA)

#	Function	Value	Description
30	Zero addition / sending	0: 1:	Addition / sending at zero is not possible Addition / transmission is possible even at zero point
31	Not Available		Not Available
36	Value indication time for subtractive Checkweighing	0: 1~30:	No delay Delay 0.1 to 3.0 seconds
B2	Language of counting display unit	0: 1:	Japanese (0000 冫) English (0000P)
L3	Buzzer sounding length for limit judgment (Linked to #03)	0: 1:	Sounds a buzzer in a single shot when it changes from unstable to stable Sounds the buzzer continuously when it is within the range
L4	LED lighting method (Additional checkweighing function)	0: 1:	Always lights above the minimum measurement amount Lights only when stable above the minimum measured amount
L8	Tare reminder function	0: 1:	Tare reminder function OFF Tare reminder function ON (When the tare amount is 0, transmission and addition are not possible)





Dealer Parameters

Enter test mode. With the display showing internal counts, press  +  to enter User + Dealer parameter mode.

#	Function	Value	Description
60	Type of decimal point	0: 1:	Decimal point Comma
81	Packing weighing function	0: 1:	Invalid Valid
82	Checkweighing function	0: 1:	Invalid Valid
83	Grading function	0: 1:	Invalid Valid
84	Counting function	0: 1:	Invalid Valid
88	Span adjustment time delay	0~10:	Delay time from pressing a key to getting the AD value
A7	Display of "lb:oz" unit	0: 1:	Valid "lb:oz" display Invalid "lb:oz" display
A9	Continuous transmission type	0: 1:	Send every 200ms (normal) Send every stable (use TDW)
B5	Transmission of AD value	0: 1: 2: 3~4:	Not send RAW (Before and after the moving average) Before and after the Flicker prevention (Setting prohibited)
B9	Auto-tare delay, subtracting grading	0~99:	Delay time (x10ms)
C7	Preset Tare function	0: 1:	Invalid Valid

#	Function	Value	Description
C8	Recommended calibration method	0~2: 3: 4: 5: 6: 7: 8: 9:	Using 2 points - Zero point and full capacity Using 3 points - Zero, 1/2 cap. and full capacity Using 4 points - Zero, 1/2 cap, full cap. and 1/2 cap. on return Using 4 points - Zero, 500e, 1/2 cap. and full cap. Using 4 points - Zero, 500e, 2/3 cap and full cap. Using 4 points - Zero, 1/3 cap, 2/3 cap and full cap. Using 5 points - Zero, 500e, 1/2 cap, 2000e and full cap. Using 5 points - Zero, 500e, 1/2 cap, 2000e, full cap. and 1/2 cap. on return
C9	Reserved		* Do not change the settings
D0	Reserved	0: 1:	Invalid Valid
D1	MF setting value editing prohibited	0: 1:	MF setting value edit permission MF setting value editing prohibited
D9	Checksum compensation	0~255:	Correction value to make checksum unique after defaulting
E0	System ID	0:	fixed
E5	Moving average filter 1	0~7:	MOVING AVERAGE TAP NO. (INVALID LESS THAN 2)
E6	Moving average filter 2	0~7:	MOVING AVERAGE TAP NO. (INVALID LESS THAN 2)
E7	Moving average filter 3	0~16:	MOVING AVERAGE TAP NO. (INVALID LESS THAN 2)
E8	Moving average filter 4	0~16:	MOVING AVERAGE TAP NO. (INVALID LESS THAN 2)
E9	Moving average filter 5	0~15:	MOVING AVERAGE TAP NO. (INVALID LESS THAN 2)
F0	Loading / unloading amount	1~255:	
F1	Beep at data transmission	0: 1:	No sound Sound
F2	One-time addition	0: 1:	Addition any number of times One-time addition
F9	Flicker prevention	0~15:	

System Parameters

With the display showing internal counts, press  +  to enter calibration mode, then press 
+  to enter System parameter mode.

#	Function	Value	Description
40	Gravity compensation	0: 1~29: 30~210:	No compensation * Japa only (Acceleration of Gravity (m/s ²) - 9.7600) x 10,000 ÷ 5 + 30 Setting range; 9.7600~9.8500m/s ² , Min. setting unit; 0.0005m/s ²
41	Scale mode	0: 1: 2: 3~7:	Fixed single increment Mult increments YCO Mode Prohibit to set
43	Weighing capacity mantissa, kg	0~99:	
44	Weighing capacity index, kg	0~4:	
45	Small capacity increment, kg	0: 1: 2:	1 2 5
46	Location of decimal point, kg	0: 1: 2:	0 0.0 0.00

#	Function	Value	Description
		3: 4:	0.000 0.0000
47	Verification	0: 1:	Legal use Not Legal use
48	User mode calibration	0: 1:	Invalid Valid
50	kg or lb calibration	0: 1:	Calibration by kg weight Calibration by lb weight
51	Weighing capacity mantissa, lb	0~99:	
52	Weighing capacity index, lb	0~4:	
53	Location of decimal point, lb	0: 1: 2: 3:	0 0.0 0.00 0.000
54	Small capacity increment, lb	0: 1: 2:	1 2 5
55	Weighing capacity mantissa, oz	0~99:	
56	Weighing capacity index, oz	0~4:	
57	Location of decimal point, oz	0: 1: 2: 3:	0 0.0 0.00 0.000
58	Small capacity increment, oz	0: 1: 2:	1 2 5
61	Weighing unit	0: 1: 2:	None g kg
62	Weighing unit display	0: 1:	No unit display Unit display
67	ADC cutoff bit No.	0~3: 4~7:	6-bit truncation Truncate the specified number of bits
68	Over scale	0~10:	
69	Adjustment: Weighing capacity mantissa	0~99:	Capacity setting for span adjustment
70	Zero point range (FS%)	0~100:	SET ZERO POINT RANGE IN % FOR FULL SCALE
71	Positive zero point range %	0~100:	VALUE ON PLUS SIDE WITHIN THE SETTING RANGE ON #70
72	Zero key tare	0: 1:	Not clear tare value by pressing Zero reset key Clear tare value by pressing Zero reset key
73	Zero tracking timing	0: 1~15:	No zero tracking Zero tracking at the specified interval
74	Tare function	0: 1: 2:	No tare function One time tare function Consecutive tare function
75	Zero reset under tare	0: 1:	Valid Invalid
77	Simple test mode	0: 1: 2:	Entered by key operation only Entered by key operation only, User parameter is invalid Entered by key operation & TEST switch

#	Function	Value	Description
		3: 4: 5:	Entered by key operation & TEST switch, User parameter is invalid Entered by TEST switch only (key operation is invalid) Entered by TEST switch only, User parameter is invalid
78	Span coefficient 1, large2	0~255:	Automatically set at span adjustment (Prohibit to change)
79	Span coefficient 2, large2	0~255:	Automatically set at span adjustment (Prohibit to change)
80	Span coefficient 3, large2	0~255:	Automatically set at span adjustment (Prohibit to change)
85	Reserved		* Do not change the settings
86	Reserved		* Do not change the settings
87	Reserved		* Do not change the settings
89	Reserved		* Do not change the settings
90	Mechanical zero 1	0~255:	Automatically set at span adjustment (Prohibit to change)
91	Mechanical zero 2	0~255:	Automatically set at span adjustment (Prohibit to change)
92	Mechanical zero 3	0~255:	Automatically set at span adjustment (Prohibit to change)
93	Span coefficient 1, small	0~255:	Automatically set at span adjustment (Prohibit to change)
94	Span coefficient 2, small	0~255:	Automatically set at span adjustment (Prohibit to change)
95	Span coefficient 3, small	0~255:	Automatically set at span adjustment (Prohibit to change)
96	Span coefficient 1, middle	0~255:	Automatically set at span adjustment (Prohibit to change)
97	Span coefficient 2, middle	0~255:	Automatically set at span adjustment (Prohibit to change)
98	Span coefficient 3, middle	0~255:	Automatically set at span adjustment (Prohibit to change)
99	Span coefficient 1, large	0~255:	Automatically set at span adjustment (Prohibit to change)
A0	Span coefficient 2, large	0~255:	Automatically set at span adjustment (Prohibit to change)
A1	Span coefficient 3, large	0~255:	Automatically set at span adjustment (Prohibit to change)
A2	Span adjustment zone	0~210:	Automatically set at span adjustment (Prohibit to change)
A3	Span adjustment method	0~7:	Automatically set at span adjustment (Prohibit to change)
A4	Board sensitivity adjustment 1, zero	0~255:	Automatically set at board sensitivity adjustment (Prohibit to change)
A5	Board sensitivity adjustment 2, zero	0~255:	Automatically set at board sensitivity adjustment (Prohibit to change)
A6	Board sensitivity adjustment 3, zero	0~255:	Automatically set at board sensitivity adjustment (Prohibit to change)
B0	Factory setting	0: 1~14: 15: 16: 17:	Not use default setting for another market 30kg / 0.01kg, NTEP 60kg / 0.02kg, NTEP 150kg / 0.05kg, NTEP
B1	Initialization number	1~16	Record the setting number at the time of "dEF"
B6	Board sensitivity adjustment 1, span	0~255:	Automatically set at board sensitivity adjustment (Prohibit to change)
B7	Board sensitivity adjustment 2, span	0~255:	Automatically set at board sensitivity adjustment (Prohibit to change)
B8	Board sensitivity adjustment 3, span	0~255:	Automatically set at board sensitivity adjustment (Prohibit to change)
C0	Creep amount correction : coefficient	0~255:	0:OFF, 1~127:plus, 128~255:minus
C1	Creep amount correction : Time constant	0~255:	Time constant of correction curve
C2	Creep amount correction : Linearity	0~10:	Linearity of correction curve
C3	Maximum hysteresis amount when going up	0~255:	
C4	Maximum hysteresis amount when descending	0~255:	
C5	Zero memory	0: 1:	Invalid Valid




















#	Function	Value	Description
C6	Minus display	0: 1:	Up to 5 division Up to 1.9% of F.S
D2	Creep amount individual correction: measurement time	0 ~ 30:	0 to 30 minutes: Waiting time for individual creep adjustment
D3	Creep amount correction: conversion coefficient	0~255:	0~2.55: Coefficient to convert creep in # D2 time to 30 minutes when adjusting creep individually
D4	Creep amount correction: self-diagnosis threshold	0~255:	-128~+127 (255 → -1) When calculating creep individually, if calculated # C0 is not between 0 and the set value, "E-118"
D6	Median filter		
D7	Reserved		* Do not change the settings
E1	Stable state sampling count	0~15:	Number of times to detect whether it is stable within the width set by # E2 and # E3
E2	Stable state count	0~50:	Set the width to enter stability
E3	Very stable state count	0~50:	Set the width to enter extremely stable, which is stricter than stable
E4	Stable state collapse count	0~50:	Set the width to break stability
L0	Center of zero indicator	0: 1:	The Center of zero indicator is displayed even during tare The Center of zero indicator is not displayed even during tare
L1	Reserved		* Do not change the settings
L5	Reserved		* Do not change the settings
U8	Reserved		* Do not change the settings

3. Default setting

List of initial parameter values before shipment by scale type/weighing capacity

The following table shows the initial setup values before shipment by type/weighing capacity.

If you replace the CPU board, make sure to initialize the board using a setup value (Initialize from 15 to 17 in Default setting mode (enter [B. .d.E.F])) corresponding to the type of your scale. Then, make necessary changes and confirm that the parameter values are equal to those in the table.

Description	Indication
<p>Press the  to move the test mode item to the default setting.</p>	 ↓ 
<p>Press the  to enter the default settings.</p> <p>Press the  or  to set the initialization number.</p>	 ↓   ↓  or  
<p>Hold down the  and press the  to initialize.</p>	 ↓  +   ↓ Initialization execution 
<p>When the initialization is completed, it automatically returns to the Internal count.</p>	 ↓ Initialization completed  ↓ 

#	Function	30kg	60kg	150kg
		/0.01kg dEF = 15	/ 0.02kg dEF = 16	/ 0.05kg dEF = 17
#01	Function selection	0	0	0
#02	Reserved	1	1	1
#03	Buzzer	0	0	0
#04	Grade Stability	1	1	1
#05	Auto-off timer	3	3	3
#07	Blinking of weight display	0	0	0
#08	Switching weighing	1	1	1
#09	Gravity compensation	105	105	105
#10	Scale ID	0	0	0
#11	Determining timing for communication and subtraction check weighing	3	3	3
#12	Addition and communication	0	0	0
#13	Communication device	5	5	5
#14	Send contents	0	0	0
#15	Baud rate	0	0	0
#16	Character length	0	0	0
#17	Parity	0	0	0
#18	Stop bit length	0	0	0
#19	Print	0	0	0
#21	Bluetooth™ mobile printer	1	1	1
#22	Print font size	0	0	0
#23	[SEnd] display time	5	5	5
#24	Units at power on	1	1	1
#25	inactive	2	2	2
#26	Date and time data transmission	1	1	1
#27	Set value data transmission	1	1	1
#28	Paper feed amount each time	1	1	1
#29	Wireless printer print characters	2	2	2
#30	Zero printing	0	0	0
#31	Reserved	90	90	90
#36	Value indication time for subtractive Checkweighing	10	10	10
#37	Reserved	0	0	0
#38	Multi-function setting value protection	0	0	0
#39	Reserved	4	4	4
#40	Gravity compensation	105	105	105
#41	Scale mode	2	2	2

#	Function	30kg	60kg	150kg
		/0.01kg dEF = 15	/ 0.02kg dEF = 16	/ 0.05kg dEF = 17
#43	Weighing capacity mantissa, kg	3	6	15
#44	Weighing capacity index, kg	3	3	3
#45	Small capacity increment, kg	0	1	2
#46	Location of decimal point, kg	2	2	2
#47	Verification	0	0	0
#48	User mode calibration	0	0	0
#50	kg or lb calibration	1	1	1
#51	Weighing capacity mantissa, lb	6	15	30
#52	Weighing capacity index, lb	3	3	2
#53	Location of decimal point, lb	2	2	1
#54	Small capacity increment, lb	1	2	0
#55	Weighing capacity mantissa, oz	6	15	30
#56	Weighing capacity index, oz	2	1	1
#57	Location of decimal point, oz	1	0	0
#58	Small capacity increment, oz	2	0	1
#60	Type of decimal point	0	0	0
#61	Weighing unit	2	2	2
#62	Weighing unit display	1	1	1
#67	ADC cutoff bit No.	5	5	5
#68	Over scale	5	5	5
#69	Adjustment: Weighing capacity mantissa	3	6	15
#70	Zero point range (FS%)	19	19	19
#71	Positive zero point range %	12	12	12
#72	Zero key tare	0	0	0
#73	Zero tracking timing	0	0	0
#74	Tare function	2	2	2
#75	Zero reset under tare	1	1	1
#77	Simple test mode	2	2	2
#78	Span coefficient 1, large2	(AUTO)	(AUTO)	(AUTO)
#79	Span coefficient 2, large2	(AUTO)	(AUTO)	(AUTO)
#80	Span coefficient 3, large2	(AUTO)	(AUTO)	(AUTO)
#81	Packing weighing function	1	1	1
#82	Checkweighing function	1	1	1
#83	Grading function	1	1	1
#84	Countiong function	1	1	1
#85	Reserved	0	0	0
#86	Reserved	0	0	0

#	Function	30kg	60kg	150kg
		/0.01kg dEF = 15	/ 0.02kg dEF = 16	/ 0.05kg dEF = 17
#87	Reserved	0	0	0
#88	Span adjustment time delay	2	2	2
#89	Reserved	3	3	3
#90	Mechanical zero 1	(AUTO)	(AUTO)	(AUTO)
#91	Mechanical zero 2	(AUTO)	(AUTO)	(AUTO)
#92	Mechanical zero 3	(AUTO)	(AUTO)	(AUTO)
#93	Span coefficient 1, small	(AUTO)	(AUTO)	(AUTO)
#94	Span coefficient 2, small	(AUTO)	(AUTO)	(AUTO)
#95	Span coefficient 3, small	(AUTO)	(AUTO)	(AUTO)
#96	Span coefficient 1, middle	(AUTO)	(AUTO)	(AUTO)
#97	Span coefficient 2, middle	(AUTO)	(AUTO)	(AUTO)
#98	Span coefficient 3, middle	(AUTO)	(AUTO)	(AUTO)
#99	Span coefficient 1, large	(AUTO)	(AUTO)	(AUTO)
#A0	Span coefficient 2, large	(AUTO)	(AUTO)	(AUTO)
#A1	Span coefficient 3, large	(AUTO)	(AUTO)	(AUTO)
#A2	Span adjustment zone	(AUTO)	(AUTO)	(AUTO)
#A3	Span adjustment method	(AUTO)	(AUTO)	(AUTO)
#A4	Board sensitivity adjustment 1, zero	(AUTO)	(AUTO)	(AUTO)
#A5	Board sensitivity adjustment 2, zero	(AUTO)	(AUTO)	(AUTO)
#A6	Board sensitivity adjustment 3, zero	(AUTO)	(AUTO)	(AUTO)
#A7	Display of "lb:oz" unit	0	0	0
#A9	Continuous transmission type	0	0	0
#B0	Factory setting	0	0	0
#B1	Initialization number	15	16	17
#B2	Language of counting display unit	1	1	1
#B5	Transmission of AD value	0	0	0
#B6	Board sensitivity adjustment 1, span	(AUTO)	(AUTO)	(AUTO)
#B7	Board sensitivity adjustment 2, span	(AUTO)	(AUTO)	(AUTO)
#B8	Board sensitivity adjustment 3, span	(AUTO)	(AUTO)	(AUTO)
#B9	Auto-tare delay, subtracting grading	25	25	25
#C0	Creep amount correction : coefficient	5	38	35
#C1	Creep amount correction : Time constant	5	62	11
#C2	Creep amount correction : Linearity	2	2	2
#C3	Maximum hysteresis amount when going up	(AUTO)	(AUTO)	(AUTO)
#C4	Maximum hysteresis amount when descending	(AUTO)	(AUTO)	(AUTO)
#C5	Zero memory	0	0	0
#C6	Minus display	0	0	0




















#	Function	30kg	60kg	150kg
		/0.01kg dEF = 15	/ 0.02kg dEF = 16	/ 0.05kg dEF = 17
#C7	Preset Tare function	0	0	0
#C8	Recommended calibration method	4	4	4
#C9	Reserved	(AUTO)	(AUTO)	(AUTO)
#D0	Reserved	0	0	0
#D1	MF setting value editing prohibited	1	1	1
#D2	Creep amount individual correction: measurement time	5	5	5
#D3	Creep amount correction: conversion coefficient	123	123	123
#D4	Creep amount correction: self-diagnosis threshold	90	90	90
#D6	Median filter	1	1	1
#D7	Reserved	0	0	0
#D9	Checksum compensation	200	201	202
#E0	System ID	0	0	0
#E1	Stable state sampling count	13	13	13
#E2	Stable state count	4	4	4
#E3	Very stable state count	2	2	2
#E4	Stable state collapse count	10	10	10
#E5	Moving average filter 1	4	4	4
#E6	Moving average filter 2	5	5	5
#E7	Moving average filter 3	7	7	7
#E8	Moving average filter 4	9	9	9
#E9	Moving average filter 5	13	13	13
#F0	Loading / unloading amount	3	3	3
#F1	Beep at data transmission	1	1	1
#F2	One-time addition	1	1	1
#F9	Flicker prevention	8	8	8
#L0	Center of zero indicator	1	1	1
#L1	Reserved	0	0	0
#L3	Buzzer sounding length for limit judgment	0	0	0
#L4	Reserved	0	0	0
#L5	Reserved	0	0	0
#L8	Tare reminder function	0	0	0
#U8	Reserved	0	0	0



4. Calibrate the scale

Calibration can be done with pound or kilogram weights. Pound weights are the default setup, but this can be changed through System parameter 50.

The adjustment corrects the hysteresis due to the load and unloading of the sensor. Therefore, follow the procedure below.

NOTE) An example is when a kg weight is used and the weighing capacity is adjusted to 30 kg.

Description	Indication
<p>Press the  to move the test mode item to the Span adjustment.</p>	 ↓ 
<p>Press the  key if you want to change the number of calibration points. Ensure there is nothing on the platform, then press the  key while the stable indicator is displayed.</p>	 ↓  
<p>Place one half of the scale's full capacity on the platform. * Displayed by a temporary coefficient.</p> <p>Press the  key while the stable indicator is displayed.</p>	 ↓  ↓  
<p>Place the scale's full capacity on the platform.</p> <p>Press the  key while the stable indicator is displayed.</p>	 ↓  
<p>Remove one half of the scale's full capacity on the platform.</p> <p>Press the  key while the stable indicator is displayed.</p>	 ↓ 

Description	Indication
<p>When the calibration is completed, it automatically returns to the Internal count.</p>	<p>↓ Span adjustment completed</p>  <p>↓</p> 
<p>If the scale displays error 103 the scale is either misconfigured, incorrect weights were used for the calibration, or the scale may be damaged. Check that the weights are one half of capacity, and full capacity.</p>	