# SK/SK-D SERJES

### MAINTENANCE MANUAL

#### DIGITAL SCALE

SK-1000/SK-1000D SK-2000/SK-2000D SK-5000/SK-5000D SK-10K/SK-10KD SK-20K/SK-20KD SK-30K/SK-30KD



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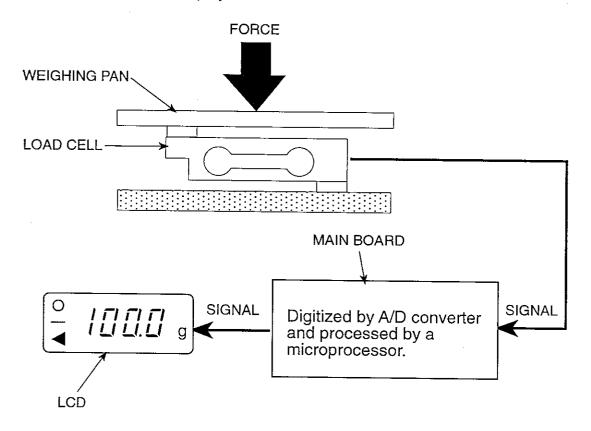
## 1 Introduction

The SK series compact scale consists of functional units. Defective units can be easily replaced for maintenance.

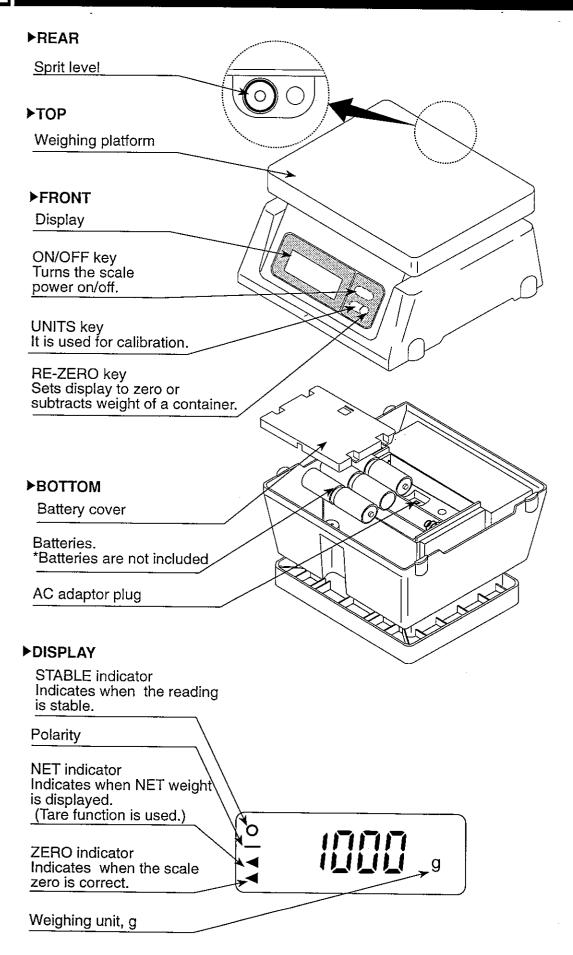


## 2 Operational principle

The SK series is a load cell type electronic scale. The operational principle is shown in the figure below. Force applied on the weighing pan is detected by the load cell. The load cell generates an analog signal, which is converted into a digital signal by the main board A/D converter which is processed by a Microprocessor. The processed data is displayed on a LCD.



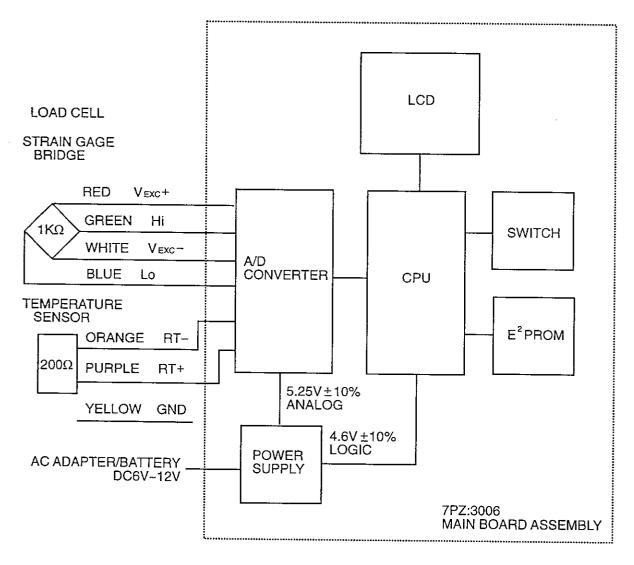
## **3 Parts Names**





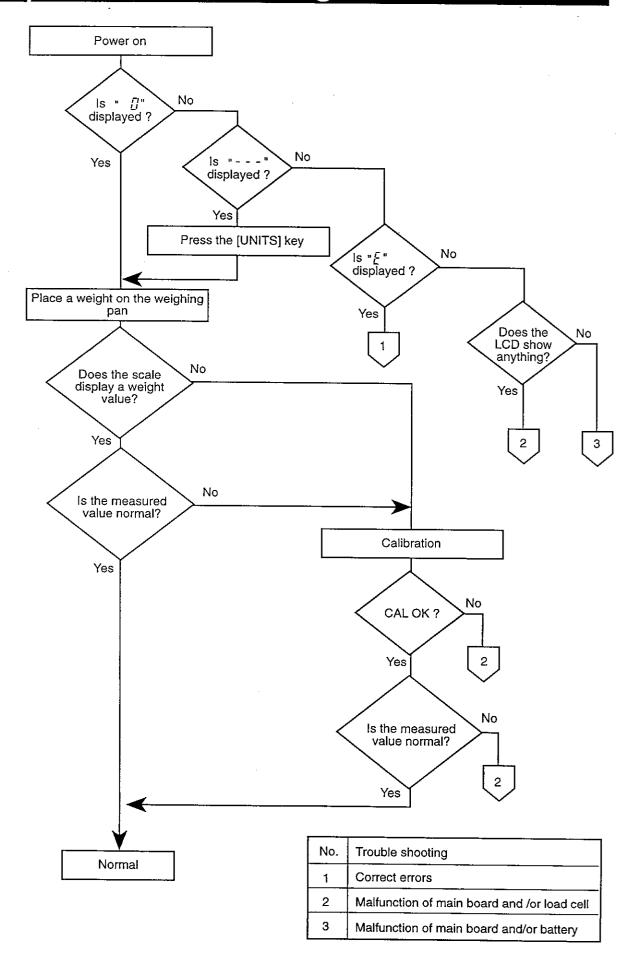
The SK series compact scale consists of functional units: case unit, weighing pan, main board unit, load cell and battery.

The load cell detects the force . The detected force is converted into a digital signal by the main board A/D converter, processed by a microprocessor (CPU) and displayed on an LCD.



## **T**

## 5 Trouble shooting

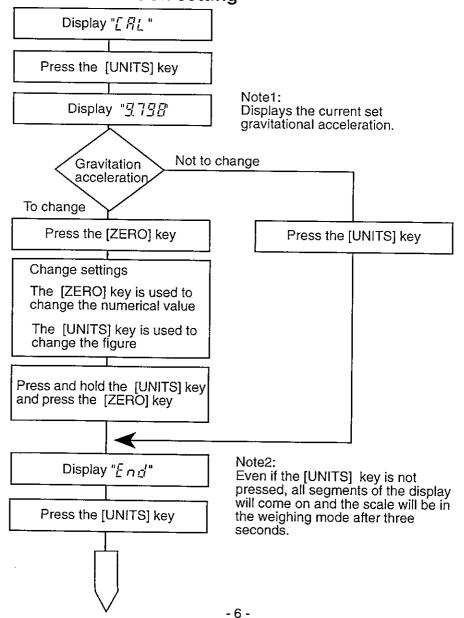


## 6 Calibration mode

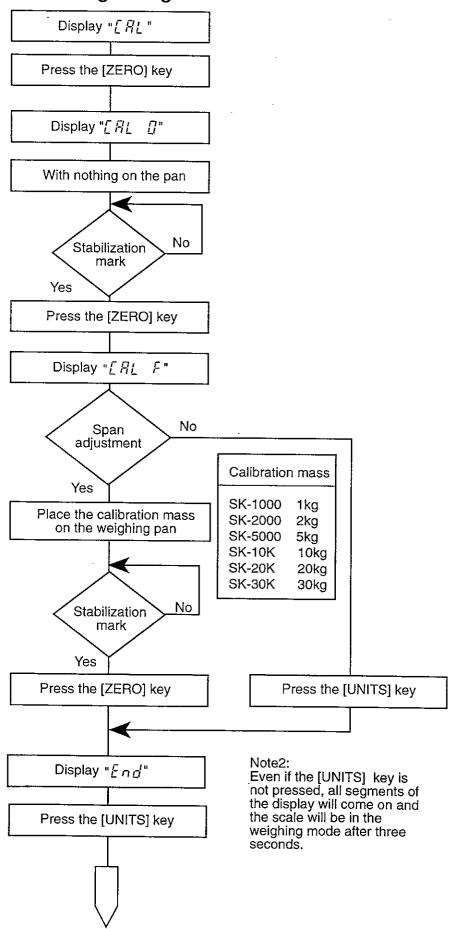
The SK series scales are equipped with a function to compensate for measuring errors caused by gravitational acceleration. If zero or span has shifted, for example, when the scales location of use is changed, check the gravitational acceleration. Change the setting or calibrate using a certified weight if necessary. When the load cell or the main board is replaced, check the gravitational acceleration and make the necessary changes. Then, perform temperature compensation as described on page 15.

- 1. While holding down the [UNITS] and [ZERO] key, press the [ON/OFF] key to turn the power ON.
- 2. Once the display indicates "CAL", release all the keys.
- 3. Press the [ZERO] key to go to the calibration mode by a weight; press the [UNITS] key to go to the gravitational acceleration setting mode.
- 4. Pressing the [UNITS] key, approximately three seconds after "END" is displayed, will return the scale to the weighing mode. All segments of the display will turn on, then zero will be displayed.

#### Gravitational acceleration setting



#### Calibration using a weight



# 7 Check mode

Check mode checks the display, specification settings, A/D count and temperature compensation coefficient.

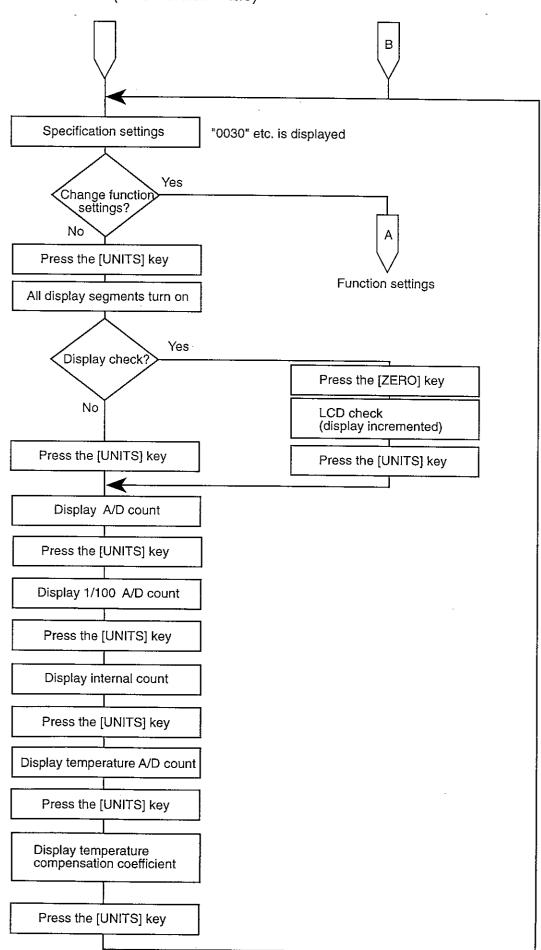
While holding down the [ZERO] key, pressing the [ON/OFF] key will turn the power ON and the CPU version will be displayed. With CPU version "P-1.2", check mode is as follows:

- 1. While holding down the [UNITS] and [ZERO] key, press the [ON/OFF] key to turn the power ON.
- Keep the [UNITS] and [ZERO] keys pressed. The scale will be in the check mode after the following performance: The display indicates "CAL". (5sec) → "CAL" disappears. (5sec) → The LCD segments are checked.
- 3. To exit the check mode, press the [ON/OFF] key to turn the power OFF.

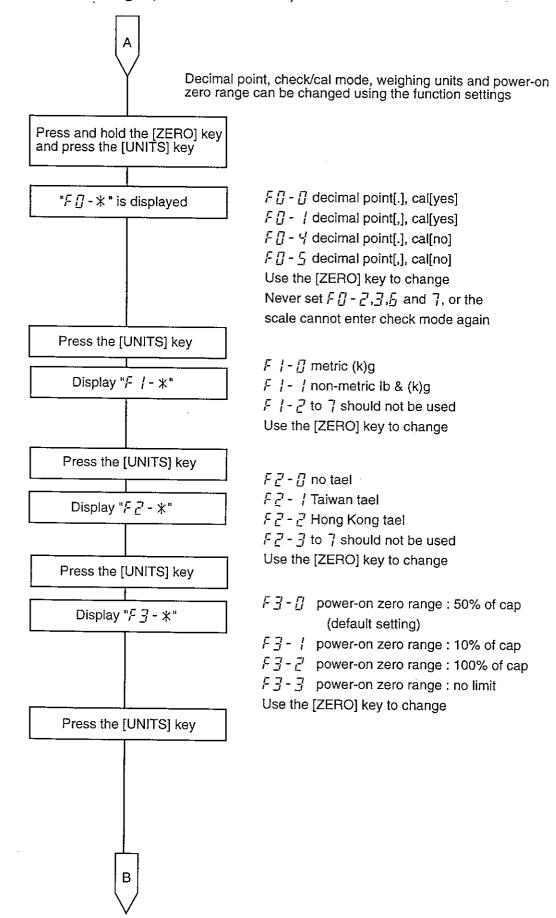
With CPU version P-2.0, check mode is as follows.

- 1. While holding down the [UNITS] and [ZERO] keys, press the [ON/OFF] key to turn the power ON. The display will show "CAL"(or all segments will turn on).
- 2. Press and hold the [ZERO] key and press the [UNITS] key twice. Then the display will show the CPU version "P-2.0".
- 3. Press the [ZERO] key to show the pecification settings. This is the beginning of check mode.
- 4. To exit the check mode, press the [ON/OFF] key to turn the power OFF.

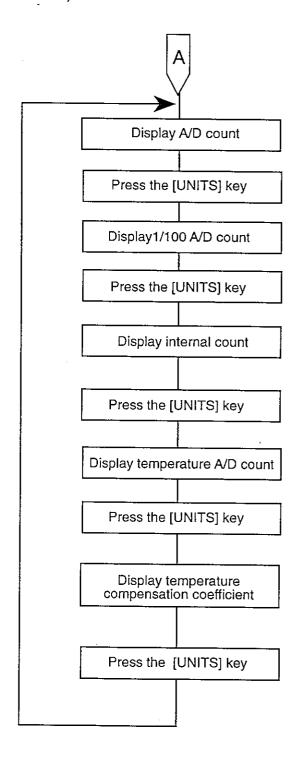
#### Check mode (CPU version P-2.0)



#### Function settings (CPU version P-2.0)



## Check mode (CPU version P-1.2) Check LCD Yes Change specification settings? Press and hold the [ZERO] key and press the [UNIT] key No Press the [UNITS] key Display "F |-\*" 0: ` 1: Not to be used 2: 3: -4: decimal point, g/Lb (non metric) 5: decimal point, g (metric) 6: decimal point. g/Lb(non metric) 7: decimal point, g (metric) Use [ZERO] to change Press the [UNITS] key "End" No Finish setting? Press the [UNITS] key Yes Press the [ZERO] key



# **8 Setting mode**

#### 8-1-1 Setting mode (CPU version, P-1.2)

Set the scale model and perform temperature compensation as follows: Temperature compensation is required whenever the main board or the load cell is replaced. Before temperature compensation, be sure to check the gravitational acceleration and make the necessary changes as described in chapter 6.

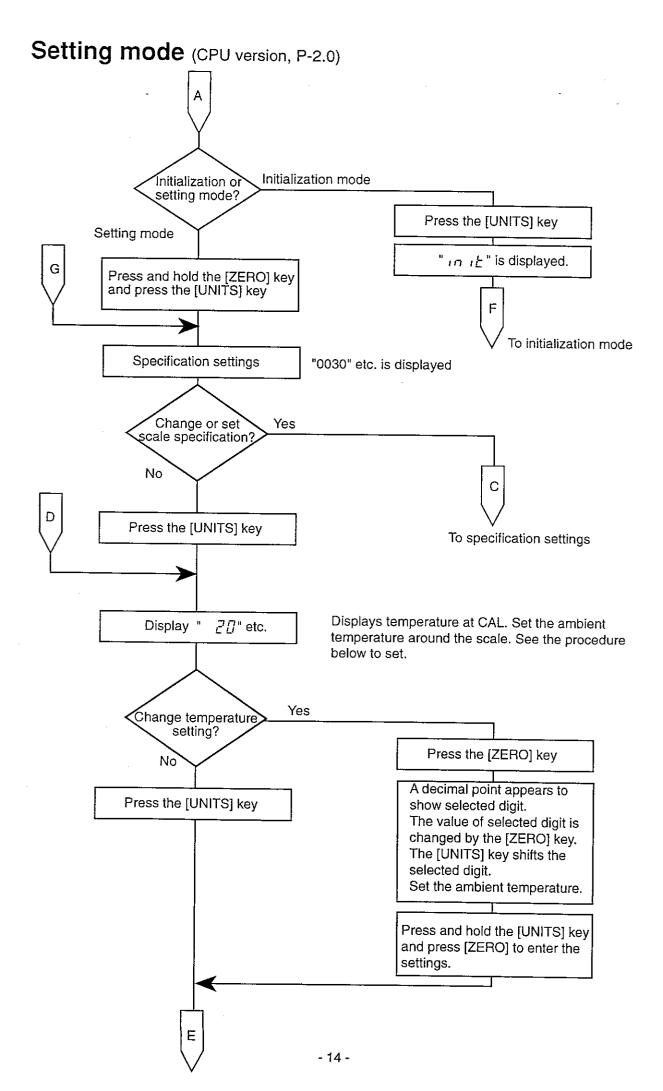
In the setting mode, the following is set: Scale model, to initialize or not, temperature coefficient temperature at CAL.

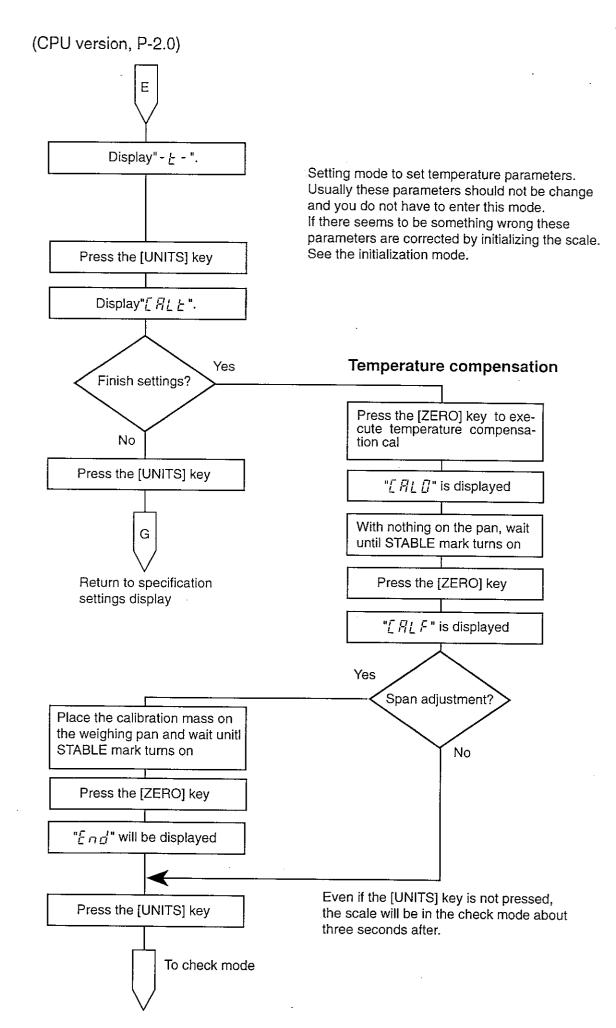
- 1. While holding down the [UNITS] and [ZERO] keys, press the [ON/OFF] key to turn the power ON. "CAL" appears from the display.
- 2. Keep the [UNITS] and [ZERO] keys pressed. After five seconds, "CAL" disappears from the display. Here, release the [UNIT] key. Keep the [ZERO] key pressed. After five seconds, the LCD indicates "F0-\* " (\*=the set value) and the scale will be in the setting mode.
- 3. To exit the setting mode, press [ON/OFF] to turn the power OFF. When the settings were changed, press the [ZERO] key after "END" being displayed to proceed to the temperature compensation mode.

#### 8-1-2 Setting mode (CPU version, P-2.0)

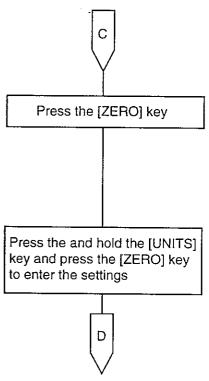
The capacity, weighing units, decimal point and temperature parameters are set in the setting mode.

- 1. While holding down the [UNITS] and [ZERO] keys, press the [ON/OFF] key to turn the power ON. The display will show CAL(or all segments will turn on).
- 2. Release the [UNITS] key but keep the [ZERO] key pressed, and press the [UNITS] key twice. Then the display will show the CPU version "P-2.0".
- 3. Press the [UNITS] key twice, then the display shows "CAL" first and "AdJ" second.
- 4. If you go to the initialization mode, press the [UNITS] key.
- 5. To enter the setting mode, press and hold the [ZERO] key and press the [UNITS] key. Then the scale shows the setting mode. In this mode, capacity, weighing units, temperature parameters can be set and temperature calibration will be done.
- To exit the setting mode, press [ON/OFF] to turn the power OFF. Once settings were changed, the temperature calibration should be done to exit this mode.





#### Specification settings (CPU version, P-2.0)



A decimal point appears to show selected digit. The value of selected digit is changed by the [ZERO] key. The [UNITS] key shifts the selected digit.

Refer to the table of model settings.

To temperature settings

Model settings / SK series

mode, cominger on across					
	(k)g only	lb,(k)g	lb,(k)g	lb,(k)g	
			T tael	HK tael	
SK-1000	*000	*100	0400	0500	
SK-2000	*010	*110	0410	0510	
SK-5000	*020	*120	0420	0520	
SK-10K	*030	*130	0430	0530	
SK-20K	*040	*140	0440	0540	
SK-30K	*050	*150	0450	0550	

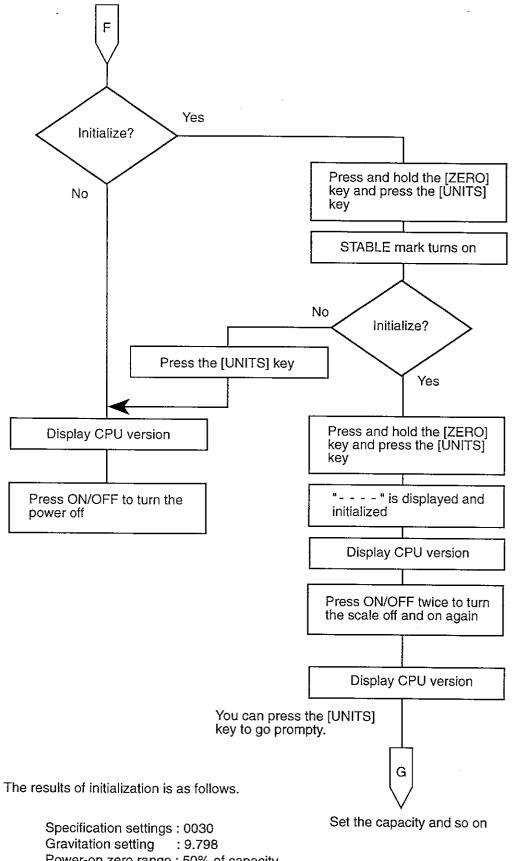
\* = 0 : Decimal point [.]

1 : Decimal point [,]

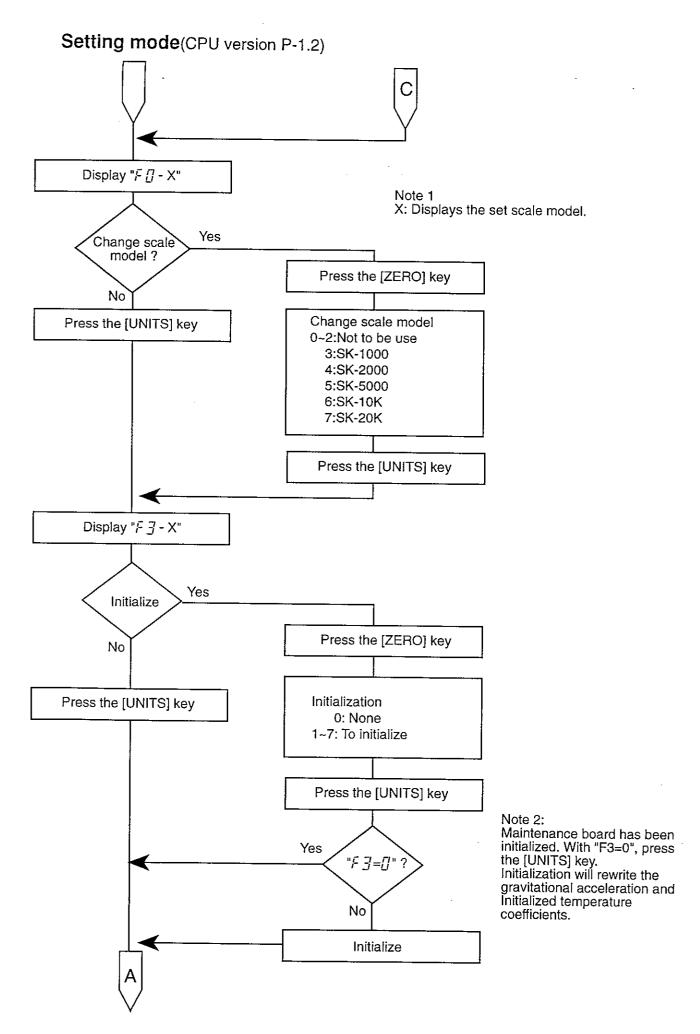
T: Taiwan

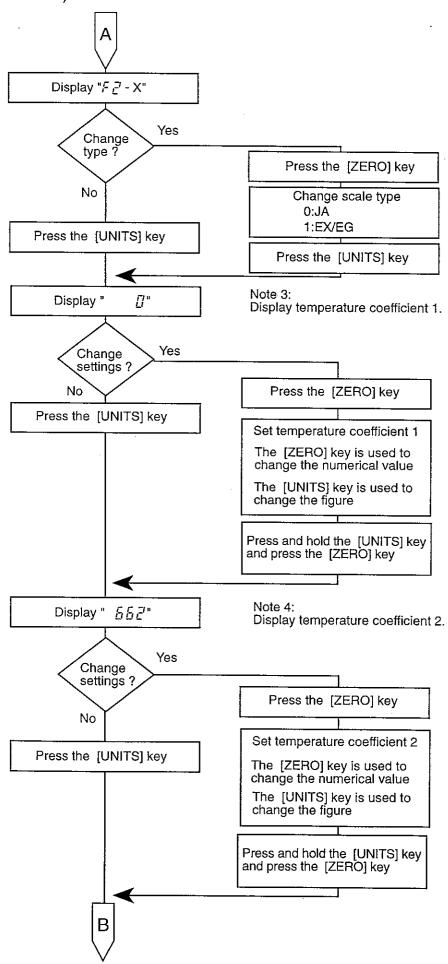
HK: Hong Kong

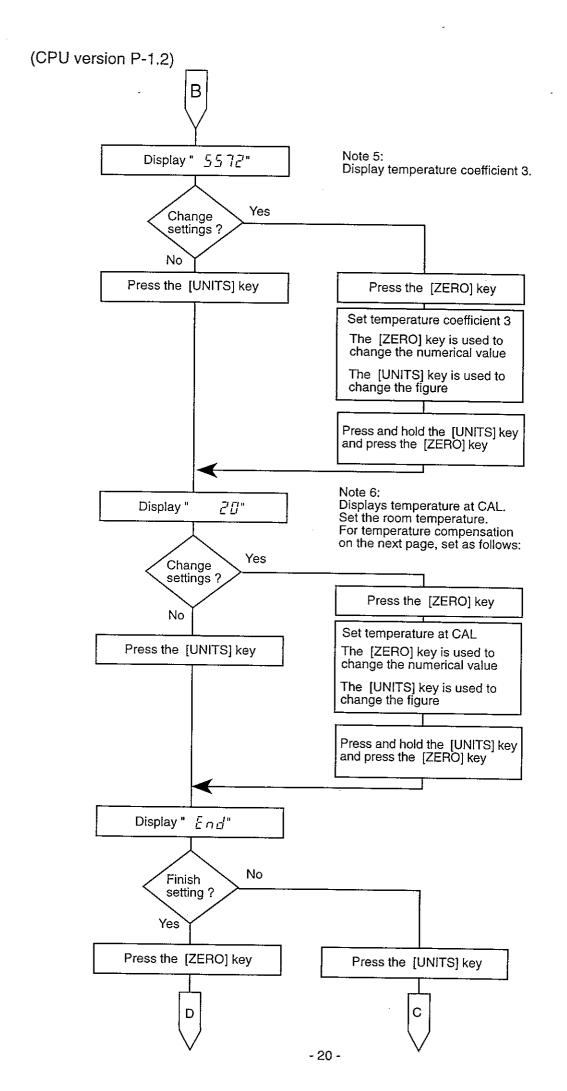
#### Initialization mode (CPU version, P-2.0)



Power-on zero range: 50% of capacity







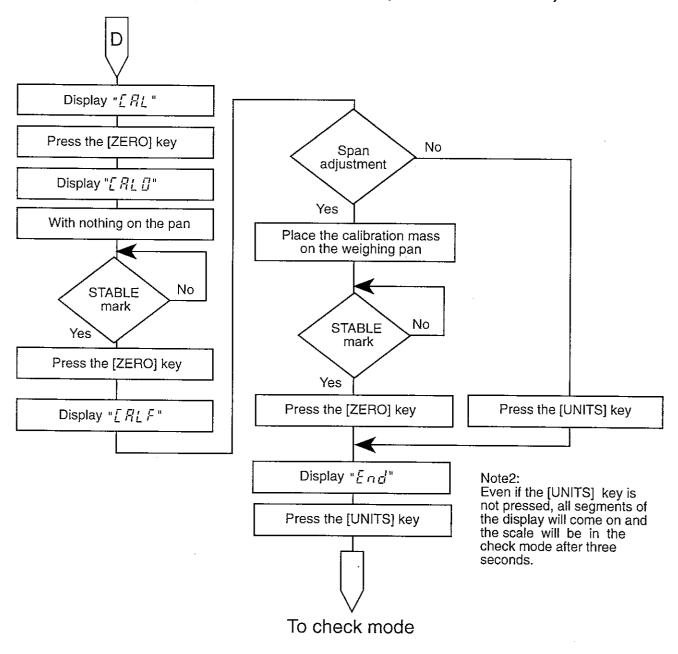
### 8-2 Temperature compensation

Perform temperature compensation and calibrate using a certified weight when the settings are changed in the setting mode, or when the load cell or the main board is replaced.

Before temperature compensation, be sure to warm up the scale more than thirty minutes and set the temperature at CAL.

For CPU version P-2.0, see the flow chart of setting mode.

#### Temperature compensation calibration(CPU version P-1.2)





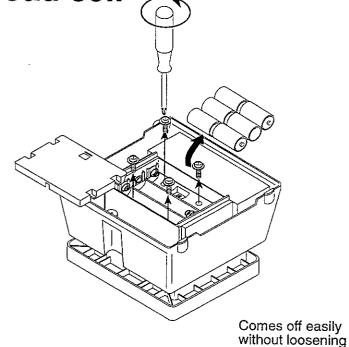
## 9 Replacing Subassemblies

9-1 Replacing the load cell

1 Place the main unit upside down. Open the battery cover. Take out the batteries (6pcs). Remove the four screws as shown in the figure at the right.

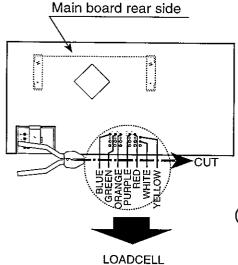
2 Remove the inner cover, and then the main board as shown in the figure at the right.

Refer to the figure on the main board rear side to cut the load cell cables.



the screws.

Main board

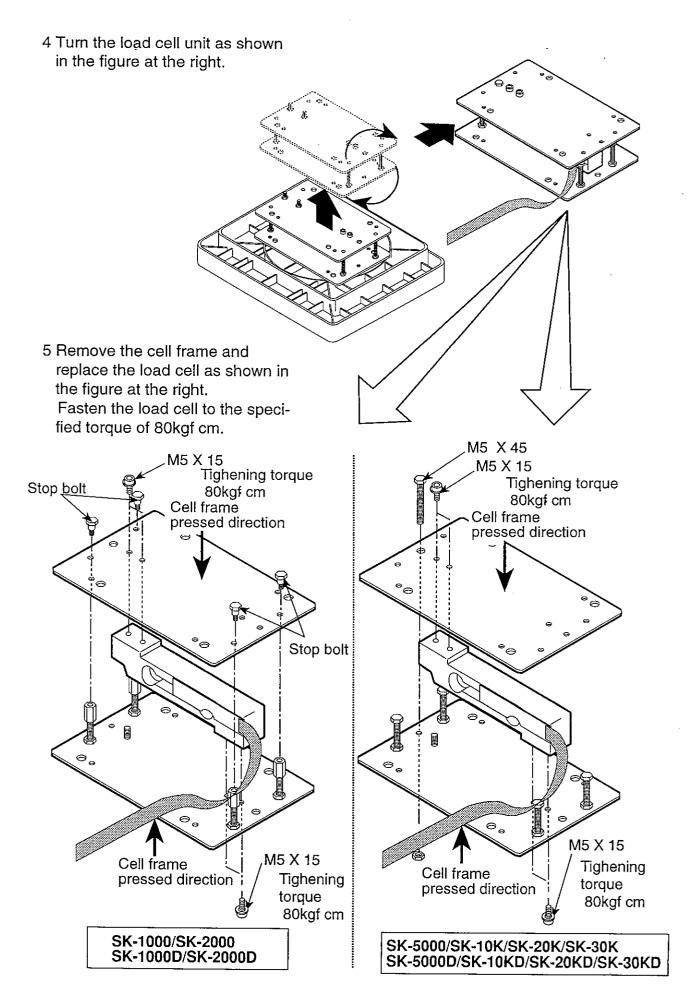


3 Place the main unit back in the normal position.

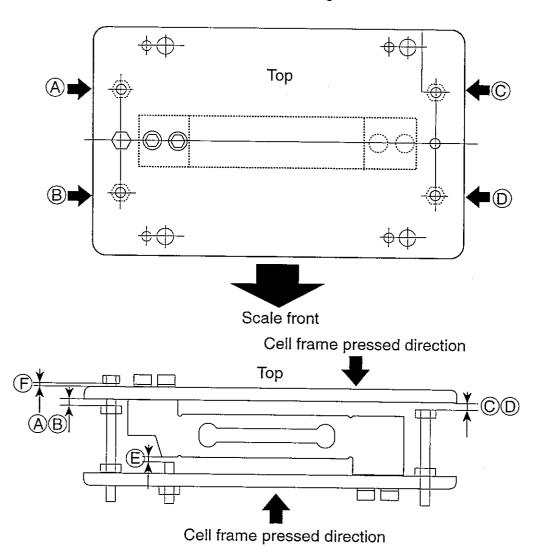
the weighing pan as shown in the figure at the right.

Remove the load cell unit from

Inner cover

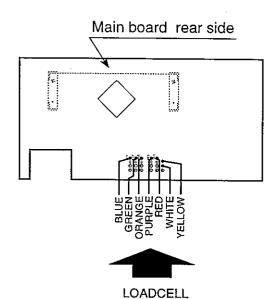


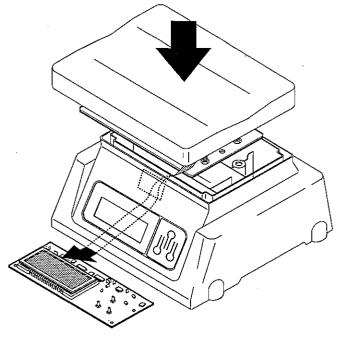
6 After attaching the load cell to the cell frames adjust the clearances between the bolts and the frames, referring to the below figures and table.



	Α	В	С	D	Е	F
SK-1000 SK-1000D	0.6	0.6	0.6	0.6	0.3	
SK-2000 SK-2000D	1.1	1.1	1.1	1.1	0.5	
SK-5000 SK-5000D	0.8	0.8	0.8	0.8	0.4	0.5
SK-10K SK-10KD	1.2	1.2	1.5	1.5	0.5	0.5
SK-20K SK-20KD	0.9	0.9	1.2	1.2	0.5	0.5
SK-30K SK-30KD	1.1	1.1	1.4	1.4	0.6	0.5

7 Turn the load cell unit upside ်<sub>မီမီ</sub> down. Тор Mount the unit on the weighing pan in reverse order of disassembling. 8 Fasten the four screws as shown in the figure at the right. Front 9 Reconnect the load cell cables as shown in the figure.





Main board

Press the main

board to attach

Cable connection varies depending on the main board.

Connect the cables according to the printed characters.

B:BLUE

G: GREEN

O: ORANGE

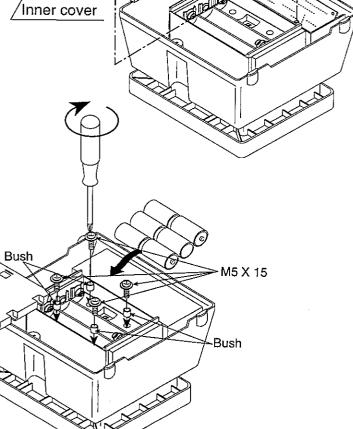
P:PURPLE

R: RED

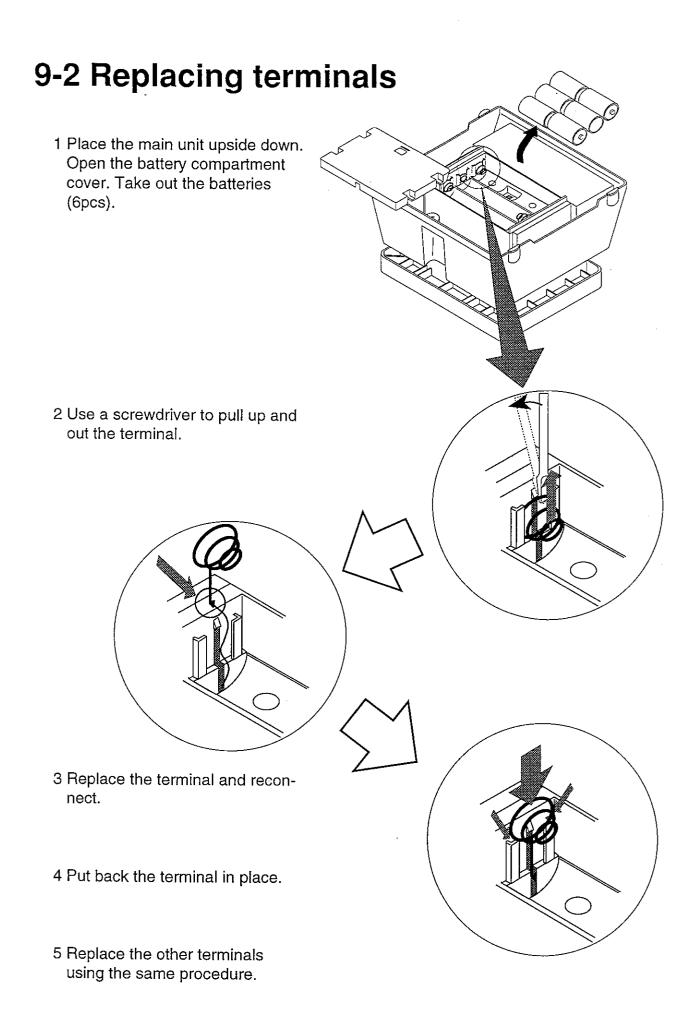
W/Y: WHITE/YELLOW

10 Attach the main board, and then the inner cover.

11 Fasten the four screws as shown in the figure at the right to complete the assembly.



M3 X 10

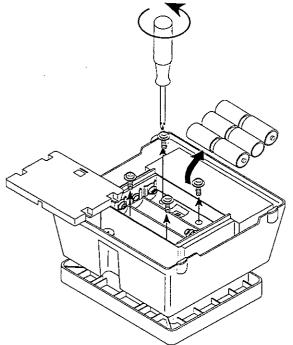


## 9-3 Replacing the main board

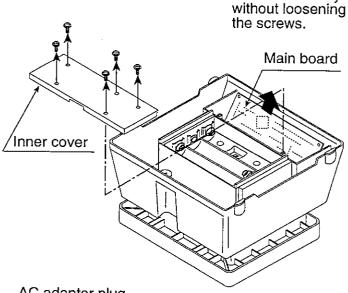
1 Place the main unit upside down. Open the battery cover. Remove the batteries (6pcs). Remove the four screws as shown in the figure at the right.

#### Note:

If AC adaptor plug is not to be replaced, perform the steps 2, 4 and 5.

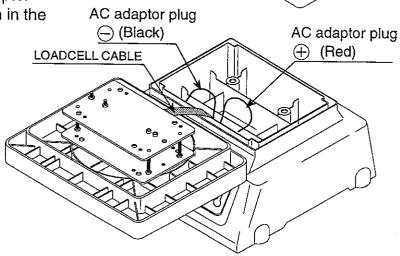


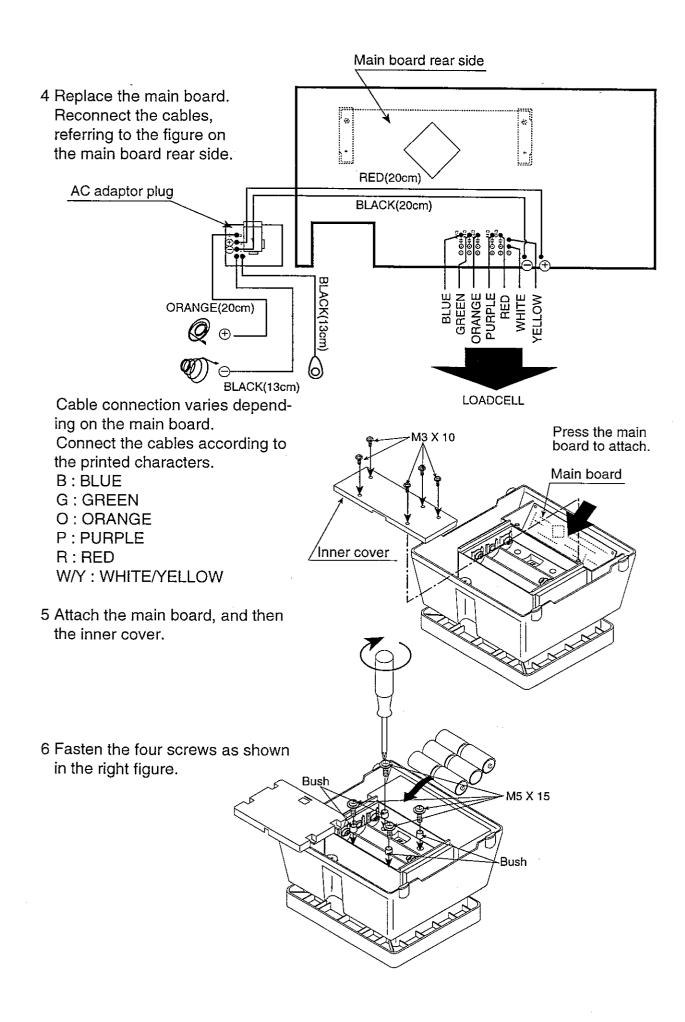
2 Remove the inner cover, and then the main board as shown in the figure at the right.



Comes off easily

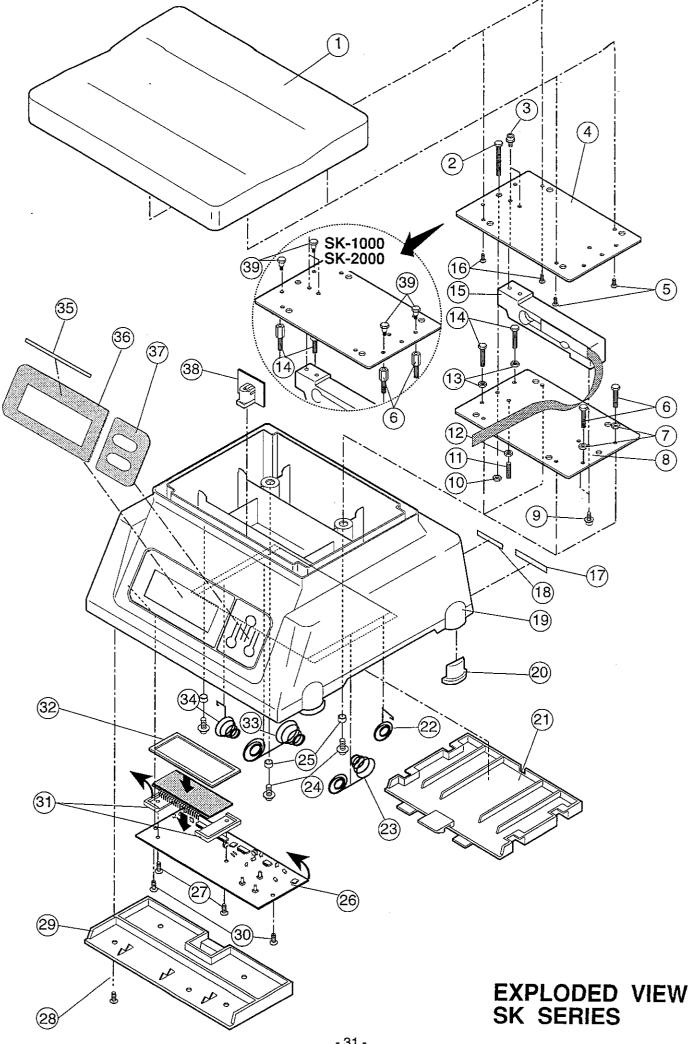
3 The load cell and AC adaptor plug cables are as shown in the figure at the right.





# 10 SPECIFICATION

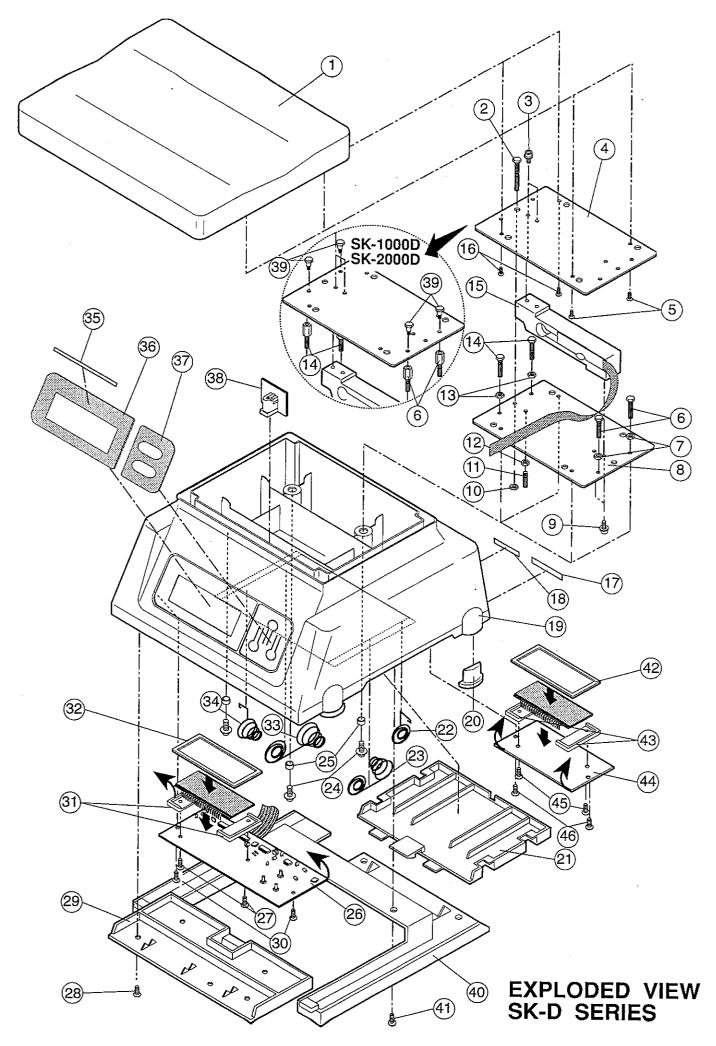
	<del></del>		1	<del></del>		
MODEL	SK-1000	SK-2000	SK-5000	SK-10K	SK-20K	SK-30K
	SK-1000D	SK-2000D	SK-5000D	SK-10KD	SK-20KD	SK-30KD
Capacity	1000g	2000g	5000g	10kg	20kg	30kg
	2.2lb	4.4lb	11lb	22lb	44lb	66lb
Calibration weight	1000g ±0.1g	2000g ±0.2g	5000g ±0.5g	10kg ±1g	20kg ±2g	30kg ±2g
Resolution	0.5g	1g	2g	0.005kg	0.01kg	0.02kg
	0.001lb	0.002lb	0.005lb	0.01lb	0.002lb	0.005lb
Non-linearity	±1g	±2g	±4g	±0.01kg	±0.02kg	±0.02kg
Repeatability	±0.5g	±1g	±2g	±0.005kg	±0.01kg	±0.02kg
Span drift	±0.015	5%/°C TYP (5	°C~35°C /41°	F~86°F)		
Display	25mm/0.9	98inch, 7seg	ment liquid cn	stal display ,[	Dual display(S	— K-D)
Platform size	230mm(W) X 190mm(D) / 9.05in(W) X 7.48in (D)					
Dimensions	244(W) X 232(D) X 137(H) mm					
	9.61(W) X	X 9.13(D) X 5	.93(H) mm			
Weight (approximately)	1.6kg/3.53lb 1.9kg/4.19lb				.19lb	
Power	6 X R20P/LR20/ "D" size batteries or AC adaptor					
Battery life	Approximately 600 hours with manganese type cells					
	1200 hours with alkaline cells at 20°C/68°F					
Operating temp.	-10°C~40°C /14°F~104°F, Less than 85%RH					
	(Non-condensing)					
Accessories	Instruction Manual					
Options	AC Adaptor					



# PARTS LIST SK SERIES

No.	PARTS NAME	DECORPTION	· <del></del> · _
1	<del></del>	DESCRIPTION	QTY
<u> </u>	07:1000025A	WEIGHING PAN	1
2	M5 X 45	BOLT FOR SK-5000/10K/20K/30K	1
3	M5 X 15	HEXAGON BOLT WITH WASHER	1
	04:4005206	CELL FLAME F'(t=3)SK-1000/2000	1
4	04:4003488	CELL FLAME D'(t=3)SK-5000/10K	1
	04:4003490	CELL FLAME A'(t=4.5)SK-20K	1
<u> </u>	04:4004911	CELL FLAME E'(t=4.5)SK-30K	1
5	M4 X 12	PAN HEAD TAPPING SCREW	2
6	17:08SX-5 X 35	BOLT FOR SK-5000/10K/20K/30K	2
	05:4005207	STOP BOLT(A)SK-1000/2000	2
7	M5	NUT	2
	04:4003487	CELL FLAME D (t=3) SK-1000/2000/5000/10K	1
8	04:4003489	CELL FLAME A (t=4.5) SK-20K	1
	04:4004910	CELL FLAME E (t=4.5) SK-30K	1
9	M5 X 15	HEXAGON BOLT WITH WASHER	1
10	M5	NUT FOR SK-5000/10K/20K/30K	1
11	M5 X 15	HEXAGONAL SCREW	1
12	M5	NUT	1
13	M5	NUT	2
14	17:08SX-5 X 35	BOLT FOR SK-5000/10K/20K/30K	2
	05:4005207	STOP BOLT(A) FOR SK-1000/2000	2
	LC:121-2000	LOADCELL FOR SK-1000/2000	1
15	LC:121-10K	LOADCELL FOR SK-5000/10K	1
13 [	LC:121-20K	LOADCELL FOR SK-20K	1
	LC:121-30K	LOADCELL FOR SK-30K	1
16	M4 X 12	PAN HEAD TAPPING SCREW	2
17	08:4004098	STICKER(A&D)	1
18	08:4003502	STICKER(MADE IN KOREA)	1
19	07:1000024	CASE	1
20	07:4003338	FOOT	4
21	07:2000178	BATTERY COVER	1
22	15:4003492	TERMINAL(+)	1 1
23	15:4003494	TERMINAL(L)	1 1
24	M5 X 15	PAN HEAD WITH WASHER AND SPRING WASHER	4
25	10:138230950030	BUSH (M5 X 3)	4
26	PZ:3006	MAIN BOARD	1
27	M2.6 X 6	PAN HEAD TAPPING SCREW	2
28	M3 X 10	PAN HEAD TAPPING SCREW	
29	07:3001273	INNER COVER	5

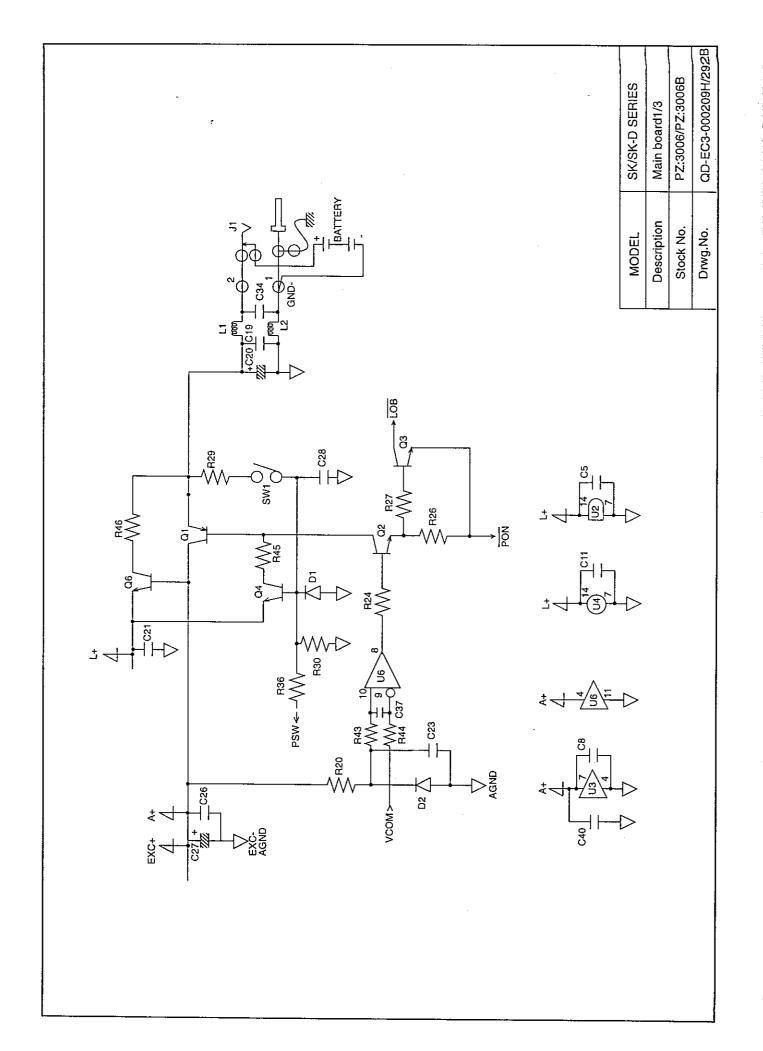
No.	PARTS NAME	DESCRIPTION	. QTY
30	M2.6 X 6	PAN HEAD TAPPING SCREW	2
31	07:4003838	LCD HOLDER	2
32	08:4003833	MASKING SEAL	1
33	15:4003495	TERMINAL(R)	1
34	15:4003493	TERMINAL(-)	1
	08:4003782	MODEL SHEET FOR SK-1000(EX)	1
	08:4003783	MODEL SHEET FOR SK-2000(EX)	1
	08:4003784	MODEL SHEET FOR SK-5000(EX)	1
	08:4003785	MODEL SHEET FOR SK-10K(EX)	1
	08:4003786	MODEL SHEET FOR SK-20K(EX)	1
35	08:4004856	MODEL SHEET FOR SK-30K(EX)	1
33	08:4003787	MODEL SHEET FOR SK-1000(EG)	1
	08:4003788	MODEL SHEET FOR SK-2000(EG)	1
	08:4003789	MODEL SHEET FOR SK-5000(EG)	1
	08:4003790	MODEL SHEET FOR SK-10K(EG)	1
	08:4003791	MODEL SHEET FOR SK-20K(EG)	1
	08:4004857	MODEL SHEET FOR SK-30K(EG)	1
36	07:4003562	FILTER	1
37	08:4003561	KEY SHEET FOR (EX)	1
3,	08:4003781	KEY SHEET FOR (EG)	1
38	PZ:3006	AC ADAPTOR PLUG	1
39 —	05:4005208	STOP BOLT(B) SK-1000	4
	05:4005304	STOP BOLT(C) SK-2000	4

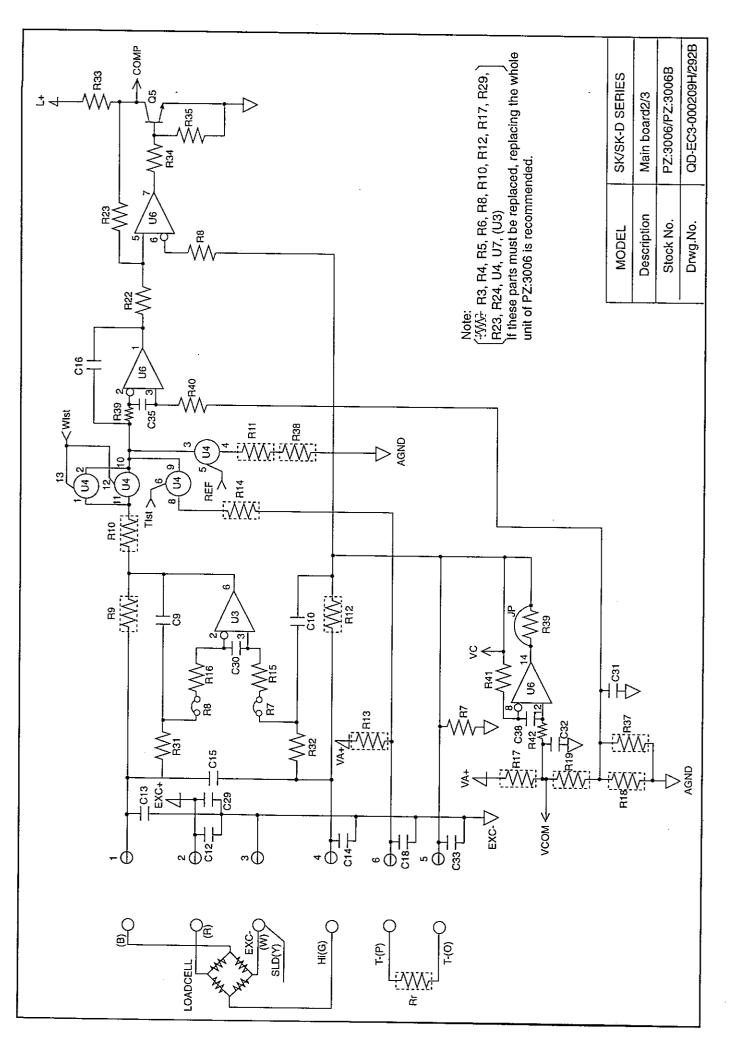


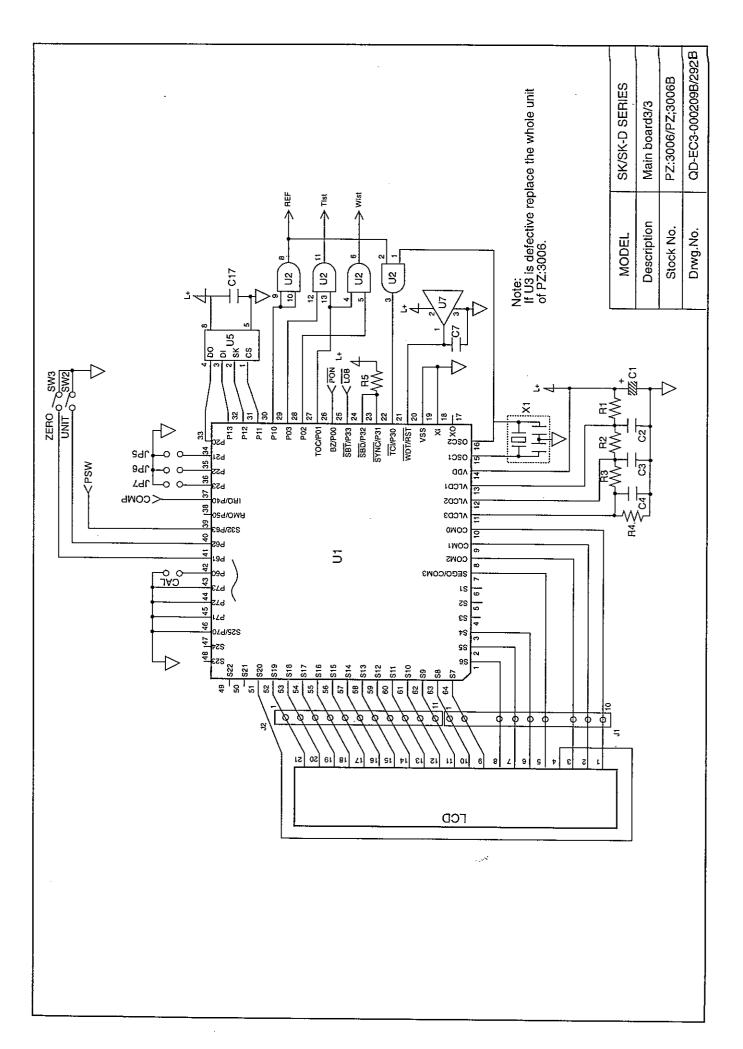
# PARTS LIST SK-D SERIES

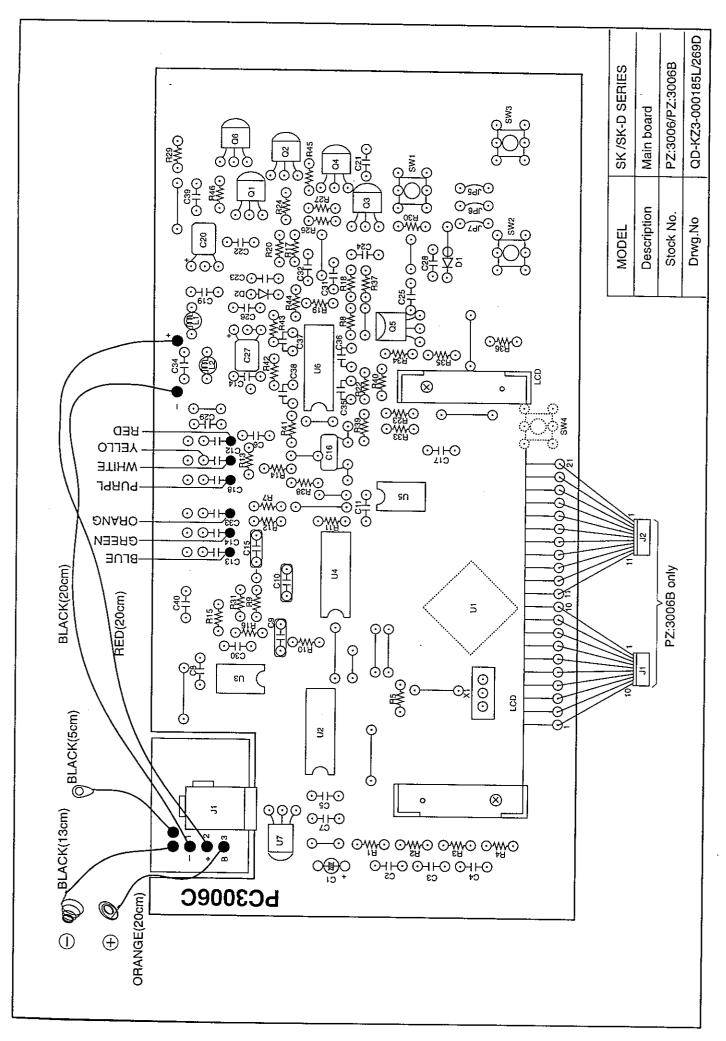
No.	PARTS NAME	DESCRIPTION	QTY
1	07:1000025A	WEIGHING PAN	1
2	M5 X 45	BOLT FOR SK-5000/10K/20K/30K	1
3	M5 X 15	HEXAGON BOLT WITH WASHER	1
	04:4005206	CELL FLAME F'(t=3)SK-1000/2000	1
4	04:4003488	CELL FLAME D'(t=3)SK-5000/10K	1
4	04:4003490	CELL FLAME A'(t=4.5)SK-20K	1
	04:4004911	CELL FLAME E'(t=4.5)SK-30K	1
5	M4 X 12	PAN HEAD TAPPING SCREW	2
6 -	17:08SX-5 X 35	BOLT FOR SK-5000/10K/20K/30K	2
	05:4005207	STOP BOLT(A)SK-1000/2000	2
7	M5	NUT	2
	04:4003487	CELL FLAME D (t=3) SK-1000/2000/5000/10K	1
8	04:4003489	CELL FLAME A (t=4.5) SK-20K	1
	04:4004910	CELL FLAME E (t=4.5) SK-30K	1
9	M5 X 15	HEXAGON BOLT WITH WASHER	1
10	M5	NUT FOR SK-5000/10K/20K/30K	1
11	M5 X 15	HEXAGONAL SCREW	1
12	M5	NUT	1
13	M5	NUT	2
14	17:08SX-5 X 35	BOLT FOR SK-5000/10K/20K/30K	2
	05:4005207	STOP BOLT(A) FOR SK-1000/2000	2
	LC:121-2000	LOADCELL FOR SK-1000/2000	1
15	LC:121-10K	LOADCELL FOR SK-5000/10K	1
'	LC:121-20K	LOADCELL FOR SK-20K	1
	LC:121-30K	LOADCELL FOR SK-30K	1
16	M4 X 12	PAN HEAD TAPPING SCREW	2
17	08:4004098	STICKER(A&D)	1
18	08:4003502	STICKER(MADE IN KOREA)	1
19	07:1000024	CASE	1
20	07:4003338	FOOT	4
21	07:2000178	BATTERY COVER	1
22	15:4003492	TERMINAL(+)	1
23	15:4003494	TERMINAL(L)	1
24	M5 X 15	PAN HEAD WITH WASHER AND SPRING WASHER	4
25	10:138230950030	BUSH (M5 X 3)	4
26	PZ:3006	MAIN BOARD	1
27	M2.6 X 6	PAN HEAD TAPPING SCREW	2
28	M3 X 10	PAN HEAD TAPPING SCREW	5
29	07:3001273	INNER COVER	1

No.	PARTS NAME	DESCRIPTION	- QTY
30	M2.6 X 6	PAN HEAD TAPPING SCREW	2
31	07:4003838	LCD HOLDER	2
32	08:4003833	MASKING SEAL	1
33	15:4003495	TERMINAL(R)	1
34	15:4003493	TERMINAL(-)	1
	08:4003782	MODEL SHEET FOR SK-1000(EX)	1
	08:4003783	MODEL SHEET FOR SK-2000(EX)	1
	08:4003784	MODEL SHEET FOR SK-5000(EX)	1
	08:4003785	MODEL SHEET FOR SK-10K(EX)	1
	08:4003786	MODEL SHEET FOR SK-20K(EX)	1
35	08:4004856	MODEL SHEET FOR SK-30K(EX)	1
<sup>33</sup> L	08:4003787	MODEL SHEET FOR SK-1000(EG)	1
	08:4003788	MODEL SHEET FOR SK-2000(EG)	1
	08:4003789	MODEL SHEET FOR SK-5000(EG)	1
	08:4003790	MODEL SHEET FOR SK-10K(EG)	1
	08:4003791	MODEL SHEET FOR SK-20K(EG)	1
	08:4004857	MODEL SHEET FOR SK-30K(EG)	1
36	07:4003562	FILTER	1
37	08:4003561	KEY SHEET FOR (EX)	1
	08:4003781	KEY SHEET FOR (EG)	1
38	PZ:3006	AC ADAPTOR PLUG	1
39	05:4005208	STOP BOLT(B) SK-1000	4
	05:4005304	STOP BOLT(C) SK-2000	4
40	07:2000231	INNER COVER(REAR)	1
41	M3 X 10	PAN HEAD TAPPING SCREW	4
42	08:4003833	MASKING SEAL	1
43	07:4003838	LCD HOLDER	2
44	PZ:3171	REAR DISPLAY BOARD	1
45	M2.6 X 6	PAN HEAD TAPPING SCREW	2
46	M2.3 X 6	PAN HEAD TAPPING SCREW	2









### PZ:3006/PZ:3006B PARTS LIST

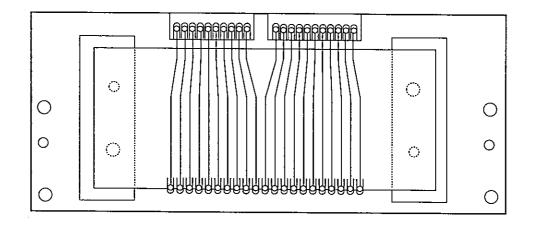
No.	PARTS NAME		DESCRIPTION	LOT
U1	CPU	UC	MN150413-XTK	1
U5	E2PROM	UC	RP93C46	1
U4	ANALOG SW	UC	HC4066	1
U2	AND	UC	HC08	1
U3	OP-AMP	UA	OP07DP-TI	1
U6	OP-AMP	UA	C324C	1
U7	RESET	UA	S-8053ALB-Z	1
Q1	TRANSISTOR	QT	A1015YT	1
Q2~Q6	TRANSISTOR	αT	C1815YT	5
D2	ZENER DIODE	DZ	HZS2CLL-TD	1
D1	ZENER DIODE	DZ	RD 5.1ES-T1	1
R10	METAL-FILM-RESISTOR 25P	RM	RN16TB68KFE	1
R19	METAL-FILM-RESISTOR 50P	RM	RN16TB1.2KFC	1
R13	METAL-FILM-RESISTOR 50P	RM	RN16TB4.7KFC	1
R37	METAL-FILM-RESISTOR 50P	RM	RN16TB120KFC	1
R9,12,17,18	METAL-FILM-RESISTOR 25P	RM	RN16TB30KFE	4
R11,14,38	METAL-FILM-RESISTOR 25P	RM	RN16TB47KFE	3
R8,15,16,39~ 46	CARBON-FILM-RESISTOR	RC	NAT100RJT	11
R22,26,27	CARBON-FILM-RESISTOR	RC	NAT1KJT	3
R29,31,32	CARBON-FILM-RESISTOR	RC	NAT3.3KJT	3
R7,20	CARBON-FILM-RESISTOR	RC	NAT5.6KJT	2
R1,2,3,35	CARBON-FILM-RESISTOR	RC	NAT10KJT	4
R4	CARBON-FILM-RESISTOR	RC	NAT15KJT	1
R24,34	CARBON-FILM-RESISTOR	RC	NAT27KJT	2
R5,33	CARBON-FILM-RESISTOR	RC	NAT56KJT	2
R30,36	CARBON-FILM-RESISTOR	RC	NAT100KJT	2
R23	CARBON-FILM-RESISTOR	RC	NAT1MKJT	· 1
R7,8,39			JUMPER	

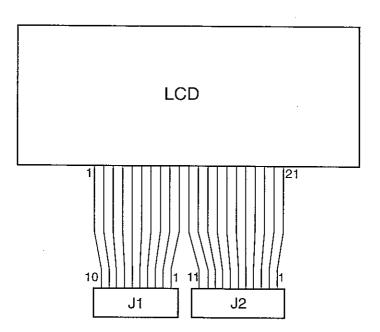
## **PARTS LIST**

No.	PARTS NAME	Γ'-	15DESCRIPTION	LOT
C9,10	POLYSTER-FILM-CAPACITOR	СМ	V1H224JL2-T	·
C15	POLYSTER-FILM-CAPACITOR			2
<u> </u>	<del></del>	СМ	V1H474JL2-T	1
C16	POLYPROPYLENE-CAPACITOR	CP	P1H473JZ3-T	1
C20,27	ALUMINIUM-CAPACITOR	CK	SME50VB22-T	2
C1	TANTALUM-CAPACITOR	СТ	1V010T	1
C4,7	CERAMIC-CAPACITOR	CC	0.1U25VT	2
C2,3,5,8,11, 12,13,14,18, 19,21,26,28, 29,33,34,40	CERAMIC-CAPACITOR	СС	0.01UT	17
C23,30,31, 32	CERAMIC-CAPACITOR	СС	100PT	4
C35,37,38	CERAMIC-CAPACITOR	СС	100P	3
L1,2	COIL	LL	LHL06TB470K	2
X1	CERAMIC-RESONATOR	XT	EFOEC4004T3	1
SW1,2,3	TACT-JW	SK	SKHHAN	3
J1	DC-JACK	EJ	0470-01-230	1
LCD	LCD	ED	DLC4990P	1
LCD	LCD HOLDER SK	07	4003838	2
LCD	MASKING SEAL	08	4003833	1

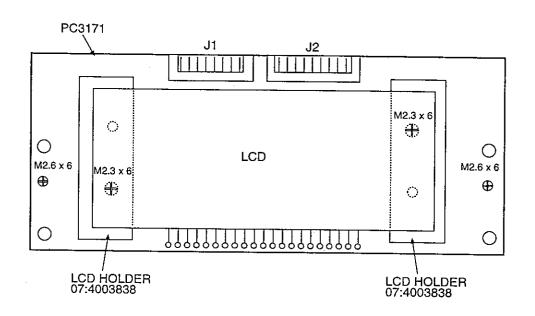
# **PZ:3006B only**

No.	PARTS NAME		15DESCRIPTION	LOT
J1	CONNECTOR CABLE	КО	964-10S040	1
J2	CONNECTOR CABLE	КО	964-11S040	1





MODEL	SK-D SERIES
Description	Rear Display Board
Stock No.	PZ:3171
Drwg.No.	QD-EC4-000110



None	SK D OFFIED
MODEL	SK-D SERIES
Description	Rear Display Board
Stock No.	PZ:3171
Drwg.No.	QD-KZ4-000091A

#### PZ:3171 PARTS LIST

No.	PARTS NAME	DESCRIPTION	LOT
LCD	ED:DLC4990P	LCD	1
J1	JI:10P-S2L2-EF	10P CONNECTOR	1
J2	Jl:11P-S2L2-EF	11P CONNECTOR	1
	07:4003838	LCD HOLDER	2



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