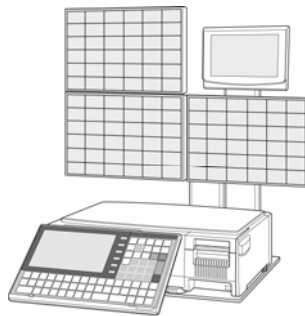
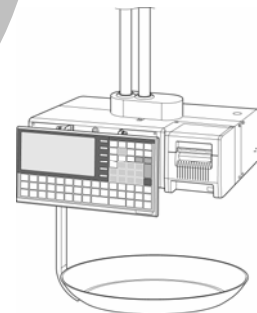
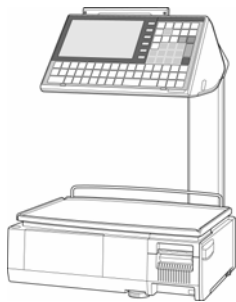


UNI-7

Service Manual



IMPORTANT

- Read this manual thoroughly, and do not perform installation, operation, maintenance, or inspection unless you fully understand all of the contents.
- Keep this manual in a safe place where you can refer to it easily while installing, operating, and carrying out maintenance or inspections.

ISHIDA CO., LTD.

TABLE OF CONTENTS

Chapter 1 BASIC INFORMATION

- 1.1 OUTER DIMENSIONS FOR EACH TYPE 1-1**
 - 1.1.1 OUTER DIMENSIONS FOR BENCH TYPE 1-1
 - 1.1.2 OUTER DIMENSIONS FOR POLE TYPE 1-2
 - 1.1.3 OUTER DIMENSIONS FOR BAKERY TYPE 1-3
 - 1.1.4 OUTER DIMENSIONS FOR SELF-SERVICE TYPE 1-4
 - 1.1.5 OUTER DIMENSIONS FOR ELEVATED TYPE 1-5
 - 1.1.6 OUTER DIMENSIONS FOR HANGING TYPE 1-6
- 1.2 SPECIFICATIONS 1-7**
- 1.3 INSTALLATION 1-8**
 - 1.3.1 POWER SUPPLY 1-8
 - 1.3.2 PRECAUTIONS FOR INSTALLATION 1-9

Chapter 2 ASSEMBLY DRAWINGS

- 2.1 BENCH TYPE 2-1**
- 2.2 POLE TYPE 2-3**
- 2.3 BAKERY TYPE 2-5**
- 2.4 SELF-SERVICE TYPE 2-7**
- 2.5 ELEVATED SINGLE PRINTER TYPE 2-8**
- 2.6 ELEVATED DUAL PRINTER TYPE 2-10**

Chapter 3 BLOCK DIAGRAMS

- 3.1 BLOCK DIAGRAM (BENCH/POLE TYPE) 3-1**
- 3.2 BLOCK DIAGRAM (BAKERY TYPE)..... 3-2**
- 3.3 BLOCK DIAGRAM (SELF-SERVICE TYPE)..... 3-3**
- 3.4 BLOCK DIAGRAM (HANGING TYPE)..... 3-4**
- 3.5 BLOCK DIAGRAM (ELEVATED TYPE)..... 3-5**

Chapter 4 ELECTRICAL SIGNALS

- 4.1 MAIN BOARD (PK-260)..... 4-1**
- 4.2 KEY/LCD BOARD (PK-261)..... 4-7**
- 4.3 LCD BOARD (PK-263) 4-9**
- 4.4 WIRELESS LAN BOARD (PK-265)..... 4-10**
- 4.5 SELF-SERVICE MASTER BOARD (PK-266) 4-11**
- 4.6 SELF-SERVICE MASTER BOARD (PK-267) 4-12**
- 4.7 THERMAL BOARD (PK-268) 4-13**

4.8	THERMAL CONNECTOR BOARD (PK-268)	4-15
4.9	SCALE BOARD (PK-999)	4-17

Chapter 5 MACHINE DISASSEMBLY

5.1	BENCH TYPE	5-1
5.1.1	UPPER CASE	5-1
5.1.2	WEIGH PLATTER HOLDER	5-2
5.1.3	MAIN BOARD	5-3
5.1.4	OPERATION PANEL	5-4
5.1.5	CUSTOMER DISPLAY	5-6
5.1.6	LABEL SENSOR	5-7
5.1.7	PEEL SENSOR	5-8
5.1.8	CASSETTE SENSOR	5-8
5.1.9	THERMAL HEAD UNIT	5-9
5.1.10	LOAD CELL & A/D BOARD	5-10
5.1.11	POWER SUPPLY UNIT	5-11
5.1.12	MOTOR UNIT	5-12
5.1.13	WIRELESS LAN UNIT	5-14
5.2	POLE TYPE	5-15
5.2.1	POLE UNIT	5-15
5.2.2	CUSTOMER DISPLAY UNIT	5-16
5.3	BAKERY TYPE	5-17
5.3.1	UPPER CASE	5-17
5.4	SELF-SERVICE TYPE	5-19
5.4.1	SELF-SERVICE PANEL UNIT	5-19
5.4.2	PANEL CONTROL BOARD	5-21
5.5	ELEVATED TYPE	5-22
5.5.1	OPERATION PANEL UNIT (FOR DUAL PRINTER)	5-22
5.5.2	OPERATION PANEL UNIT (FOR SINGLE PRINTER)	5-24
5.5.3	PRINTER UNIT (FOR DUAL PRINTER)	5-25
5.5.4	CUSTOMER DISPLAY UNIT	5-26
5.5.5	ELEVATED UNIT	5-27
5.6	HANGING TYPE	5-28
5.6.1	HANGING POLE	5-28
5.6.2	MAIN BOARD	5-30
5.6.3	OPERATION PANEL	5-31
5.6.4	FRONT & REAR STAINLESS-STEEL HOUSINGS	5-32
5.6.5	POWER SUPPLY UNIT	5-35
5.6.6	LOAD CELL BOARD	5-36

5.6.7	MOTOR UNIT	5-37
-------	------------------	------

Chapter 6 MECHANICAL ADJUSTMENT

6.1	FOUR CORNER LIMIT SPACE	6-1
6.2	CASSETTE MAGNET POSITION.....	6-2
6.3	GEAR ENGAGEMENT	6-3
6.4	SUPPORT ROLLER	6-4
6.5	PRINT POSITION.....	6-5
6.6	THERMAL HEAD POSITION.....	6-6

Chapter 7 SETUP MODE

7.1	ENTERING SETUP MODE	7-1
7.2	CASSETTE SETTING.....	7-3
7.3	LABEL SETTING	7-10
7.4	LABEL FORMAT SETTING.....	7-11
7.5	BARCODE SETTING.....	7-13
7.5	CUSTOM BARCODE SETTING	7-17
7.6	MENU TILTLE EDITING	7-21
7.7	OPERATION SETTING.....	7-27
7.8	ERROR PROCESS SETTING	7-29
7.9	ERROR LOG DISPLAY	7-31
7.10	TRACEABILITY SETTING.....	7-32
7.11	DUAL CURRENCY SETTING.....	7-33
7.12	PRICE DOUNDING SETTING	7-34
7.12	COUNTRY SETTING	7-35
7.13	FILE SAVE / LOAD.....	7-36

Chapter 8 ADJUSTMENT MODE

8.1	ADJUSTMENT MODE ENTRY	8-1
8.2	KEY CHECK	8-3
8.3	PROGRAM NUMBER	8-5
8.4	MEMORY CLEAR	8-6
8.5	PRINTER ADJUSTMENT	8-8
8.6	CALIBRATION.....	8-16
8.7	DOWNLOADING.....	8-19
8.8	OPTION CHECK	8-23
8.9	DISPLAY CAPTURE.....	8-25
8.10	MODEL SETTING	8-26

Chapter 9 ERROR SCREENS

Appendix TEXT EDITING

A.1	OPERATION PANEL AND KEY FUNCTIONS.....	A-1
A.2	NORMAL CHARACTER REGISTRATION.....	A-3
A.3	SPECIAL CHARACTER REGISTRATION.....	A-6
A.4	LINE DELETION	A-8
A.5	CHARACTER DELETION.....	A-9
A.6	CHARACTER BACKSPACING	A-11

This is a “Table of Contents preview” for quality assurance

The full manual can be found at <http://the-checkout-tech.com/estore/catalog/>

We also offer free downloads, a free keyboard layout designer, cable diagrams, free help and support.

<http://the-checkout-tech.com> : *the biggest supplier of cash register and scale manuals on the net*