



# Programming Manual

Model : SM-90

2nd version

Edition	Month	Year
1st	December	1997
2nd	March	1999

**TERAOKA SEIKO CO., LTD.**

13-12 Kugahara 5-chome, Ohta-ku  
Tokyo 146 J apan  
TEL: +81-3-3752-2131  
FAX: +81-3-3752-2801

# CONTENTS

	PAGE
1. GENERAL INFORMATION -----	1~9
2. SET UP -----	10~18
3. PROGRAM MODE -----	19~109

# 1. General Information

<b>1.1 EXTERNAL VIEW .....</b>	<b>2</b>
<b>1.1a Overall View of SM-90 .....</b>	<b>2</b>
<b>1.1b Display Panel Layout of SM-90.....</b>	<b>3</b>
<b>1.1c Key Sheet Layout of SM-90.....</b>	<b>4</b>
<b>1.2 SPECIFICATIONS.....</b>	<b>5</b>
<b>1.3 KEY DESCRIPTIONS .....</b>	<b>6</b>
<b>1.4 INDICATORS.....</b>	<b>8</b>
<b>1.5 ALPHABETIC DATA ENTRY IN PROGRAM MODE .....</b>	<b>9</b>
<b>1.5a Character size and the number of characters available for label printing.....</b>	<b>9</b>

2.	Set up	
<b>2.1</b>	<b>Receipt/Label</b> .....	<b>11</b>
2.1a	Label Specifications .....	11
2.1b	Set Receipt / Label .....	12
<b>2.2</b>	<b>Thermal head checking</b> .....	<b>13</b>
<b>2.3</b>	<b>All transaction data clear</b> .....	<b>14</b>
<b>2.4</b>	<b>Password Setting</b> .....	<b>15</b>
2.4a	Program Password .....	15
2.4b	Use Password .....	16
2.4c	Change Password .....	17
2.4d	Delete password .....	18

### **3. PROGRAM MODE**

<b>3.1 PROGRAMMABLE FILES.....</b>	<b>23</b>
<b>3.2 GENERAL EXPLANATION.....</b>	<b>24</b>
<b>3.3 DEPARTMENT FILE.....</b>	<b>25</b>
3.3a Program Dept. File.....	25
3.3b Print Dept. File.....	26
3.3c Delete Dept. File.....	26
<b>3.4 MAIN GROUP FILE.....</b>	<b>27</b>
3.4a Program Main Group File.....	27
3.4b Print Main Group List.....	29
3.4c Delete Main Group File.....	29
<b>3.5 PLU FILE PROGRAMMING.....</b>	<b>30</b>
3.5a PLU file.....	30
3.5b Messages on display.....	32
3.5c Volume Discount & Sales Price Print Function.....	35
3.5d Program PLU File (weighing item).....	37
3.5d Program PLU File (weighing item continued).....	43
3.5e Program PLU File (non-weighing item).....	47
3.5f PLU Copy Function.....	59
3.5g Test of one programmed PLU.....	59
3.5h Test of plural programmed PLU.....	60
3.5i Delete PLU Data File.....	60
<b>3.6 PROGRAM/SKIP ITEM DATA.....</b>	<b>61</b>
<b>3.7 DISPLAYING THE NUMBER OF PROGRAMMED &amp; PROGRAMMABLE PLU.....</b>	<b>62</b>
<b>3.8 KEY ASSIGNMENT.....</b>	<b>63</b>

3.8a PLU Assignment .....	63
3.8c Clerk assignment .....	64
3.8d Delete clerk key .....	64
3.8e Function Key Assignment.....	65
3.8f. Program function keys to preset keys.....	67
3.8g. Delete function key .....	68
3.9a Program Shop Name File.....	69
3.9b Print Shop Name File.....	70
3.9c Delete Shop Name File.....	70
<b>3.10 SPECIAL MESSAGE FILE .....</b>	<b>71</b>
3.10a Program Special Message File .....	71
3.10b Print Special Message Name File.....	72
3.10c Delete Special Message File .....	72
<b>3.11 INGREDIENTS FILE .....</b>	<b>73</b>
3.11a Program Ingredients File .....	73
3.11b Print Ingredient File .....	74
3.11c Delete Ingredients File .....	74
<b>3.12 TEXT FILE .....</b>	<b>75</b>
3.12a Program Text File.....	75
3.12b Print Text File .....	76
3.12c Delete Text File.....	76
<b>3.13 ADVERTISEMENT MESSAGE FILE .....</b>	<b>77</b>
3.13a Program Advertisement File.....	77
3.13b Print Advertisement File.....	78
3.13c Delete Advertisement File.....	78
<b>3.14 CLERK FILE.....</b>	<b>79</b>
3.14a Program Clerk File .....	79

3.14b Print Clerk List ..... 79

**3.15 PROGRAM DATE/TIME.....80**

<b>3.16 Free Format File .....</b>	<b>82</b>
3.16a Program Label Size.....	83
1) Max. and Min. Label Size.....	83
3.16b Programming parameter of Print Items .....	85
1) Print Item.....	85
2) Print Area and Print Position .....	88
3) Print Area .....	89
4) Print Angle.....	90
3.16c Program Print Items .....	91
1) Base Type 1 .....	91
2) Base Type 2 .....	92
3) Base Type 3 .....	93
4) Base Type 4 .....	94
3.16d Test Printing .....	95
3.16e Delete Free Format.....	95
<b>3.17 LOGO FILE .....</b>	<b>100</b>
3.17a Pre-programming logo data .....	100
3.17b Program Display & Function Keys.....	101
1) Program Display for Logo Set up.....	101
2) Key Function for LOGO Set up .....	101
3.17c Programming order .....	102
3.17d Program Logo File .....	102
3.17e Delete Logo Data .....	103
<b>3.18 Place of Production File.....</b>	<b>104</b>
3.18a Program Production of Place File.....	104
3.18b Print Place of Production File .....	105
3.18c Delete Place of Production File .....	105
<b>3.19 Scroll Message File.....</b>	<b>106</b>
3.19a Program Scroll Message data .....	106
3.19b Print Scroll Message File .....	107
3.19c Delete Scroll Message File .....	107
<b>3.20 Scroll Sequence .....</b>	<b>108</b>



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

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/Digi/SM-90 programming only manual.html](https://the-checkout-tech.com/manuals/Digi/SM-90_programming_only_manual.html)

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://THE-CHECKOUT-TECH.COM)