INSTRUCTION MANUAL

FOR HODEL 625

WEIGHING AND COUNTING STSTEM



TABLE OF CONTENTS

SECTION	1.0 INTRODUCTION	
SECTION	2.0 PREPARATION FOR USE, STORAGE AND SHIPMENT	
2.1	RECEIVING INSPECTION	3
2.2	SITE SELECTION.	3
2.3	PRE-ASSEMBLY	5
2.3		5
2.5		6
		6
2.6	SHIPMENT	0
SECTION	3.0 OPERATING INSTRUCTIONS	
3.1	THE FRONT PANEL	7
	3.1.1 THE KEYS	7
	3.1.2 DISPLAY 1	9
	3.1.3 DISPLAY 2	9
3.2	BASIC WEIGHING	9
- • -	3.2.1 OBTAINING A GROSS ZERO & WEIGHING.	9
	3.2.2 OBTAINING A NET ZERO - THE TARE FUNCTION	10
	3.2.3 CENTER ZERO	10
	3.2.4 UNIT CONVERSIONS.	10
	3.2.5 KEYBOARD TARE	10
3.3	PARTS COUNTING.	11
0.0	3.3.1 SAMPLE WEIGHT & PIECE WEIGHT REQUIREMENTS	11
	3.3.2 ENTERING THE COUNTING MODE.	11
	3.3.3 PIECE WEIGHT X 1000	12
	3.3.4 COUNTING USING A KEYBOARD ENTERED SAMPLE SIZE.	12
	3.3.5 COUNTING USING PRESET SAMPLE SIZE	13
	3.3.6 COUNTING USING FIECE WEIGHT ENTRY.	13
	3.3.7 COUNTING USING TARE WEIGHT AND PIECE WEIGHT ENTRY	13
	3.3.8 EXCESSIVELY HIGH PART COUNTS	14
	3.3.9 TWO SCALE COUNTING.	14
	3.3.10 THREE SCALE COUNTING.	14
3.4		14
J.4	3.4.1 ACCUMULATE.	15
	3.4.2 EXITING THE ACCUMULATE MODE	15
	3.4.3 ACCUMULATING VERY LARGE TOTALS.	16
	3.4.4 ADDITIONAL NOTES ON ACCUMULATING.	16
	3.4.5 ENHANCEMENT	17
	4.0 CALIBRATION	
4.1	ACCESS TO INTERNAL CONTROLS	19
	ZERO ADJUSTMENTS	19
	SPAN ADJUSTMENTS	20

PAGE

CONTENTS

SECTION 5.0 THE PROGRAM MODE

[

Į

ł

ł

ł

ŀ

5.1	PROGRAMMING DESCRIPTION	21
	5.1.1 THE [MODE] KEY	21
	5.1.2 THE [SEND/ENTER] KEY	22
	5.1.3 CHANGING THE PROGRAM: THE PROGRAM JUMPER AND THE [NEXT] KEY	23
5.2		23
	5.2.1 "OFFSET DISPLAYED"	23
	5.2.2 MODE 30: GENERAL SCALE SET-UP.	24
	5.2.3 SCALE SET-UP MODE	25
	5.2.4 MODE 40 AND 625 ACCURACY.	25
	5.2.5 MODE 50 & 60	27
	5.2.6 MODE 70	27
53	A PROGRAMMING EXAMPLE.	27
5.5	A FROMATILING EARIFLE	21
SECTION	6.0 SERIAL COMMUNICATIONS	
	CONNECTIONS	29
•••	6.1.1 PRINT PORT	29
	6.1.2 OPTIONAL COMM PORT.	29
6.2		30
	6.2.1 A MAP OF MODE 0	30
	6.2.2 THE MODE 0 PARAMETERS.	31
	6.2.3 MODE 10 AND MODE 20 PARAMETERS.	32
63	THE Custom Txmit Setup MODE	33
0.5	6.3.1 DEFINITIONS	33
	6.3.2 PLANNING THE CUSTOM TXMIT	34
	6.3.3 ENTERING THE SEQUENCE AND FORMAT	37
	6.3.4 ENTERING THE SEQUENCE AND FORMATION OF A STATEMENT OF A STAT	38
<i>c i</i> .	MAKING A SERIAL TRANSMISSION	30 39
		39
0.5	PROGRAMMING SUMMARY FOR THE CUSTOM TXMIT SETUP	29
SECTION	7.0 TROUBLE SHOOTING	
	ERROR/PROBLEM MESSAGES.	41
/	7.1.1 Er-1/ZERO to begin	41
	7.1.2 Er-03/Invalid Entry	41
	7.1.3 Er-05/Sorry, SaveDenied	41
	7.1.4 Er-10/Bad Zero Value	41
	7.1.5 Er-11/Check Input.	42
	7.1.6 Er-12/Net Mode Entry	42
	7.1.7 Add-/XX More Pcs.	42
	7.1.8 Er-13/Increase Sample!	42
	7.1.9 Er-14/Need Valid Pc Wt	42
	7.1.10 Er-16/Remove Wt To ACC	42
	7.1.11 Er-17/*ACC*Ovr Rng.	42
	7.1.12 Er-20/Display Ovr Rng.	43
	7.1.13 Er-21/Input Ovr Load	43
	7.1.14 Er-22/ZTrack Ovr Rng	43
	7.1.15 Er-31/Dev:1 Not Ready! OR Er-32/Dev:2 Not Ready!	43
7 2	THE LOAD CELL.	43
1.4	7.2.1 OVERLOAD CONDITION	43
	7.2.2 ADJUSTING THE OVERLOAD GAP	43
	7.2.3 TROUBLE SHOOTING THE LOAD CELL.	44
7.3	EPROM INSTALLATION	45
,		

17-2

SECTION 8.0 INSTALLATION AND OPERATION OF OPTIONS	
8.1 MODEL 625 DISASSEMBLY	47
8.1.1 GAINING ACCESS TO THE DIGITAL BOARD	47
8.1.2 GAINING ACCESS TO THE ANALOG BOARD	47
8.2 INSTALLATION OF THE 3-SCALE OPTION	47
8.3 INSTALLATION OF THE BATTERY OPTION	49
8.4 NOTES ON BATTERY OPERATION	50
APPENDIX A SPECIFICATIONS	51
	55
APPENDIX B SPARE PARTS LIST	55
APPENDIX C PRINTER INTERFACES	57
C.1 HECON A0543 PRINTER.	57
C.2 SMITH-CORONA TYPEWRITER.	57
C.3 EPSON LX-80 PRINTER.	57
C.4 NOTE ON OPERATION OF CTS/RTS INPUTS	57
C.5 NOTE ON PARITY SELECTION	58
APPENDIX D SEQUENCE AND FORMAT SET-UP SET-UP CHARTS	53
APPENDIX D SEQUENCE AND FORMAI SEI-OP SEI-OP CHARIS	55
LIST OF ILLUSTRATIONS	
FIGURE 1 MODEL 625 ASSEMBLY AND ACCESS VIEW	4
FIGURE 2 REAR PANEL CONNECTIONS	5
	6
FIGURE 3 DE9P PLUG	-
FIGURE 4 THE FRONT PANEL	7
FIGURE 5 INTERNAL ADJUSTMENTS	19
FIGURE 6 SAMPLE PRINT-OUT	34
FIGURE 7 SAMPLE SEQUENCE AND FORMAT SET-UP CHARTS	35
FIGURE 8 OVERLOAD GAP ADJUSTMENT	44
FIGURE 9 OPTIONAL BOARD INSTALLATION	48
LIST OF TABLES	
TABLE 1 WIRING CODE	6
TABLE 2 SAMPLE WEIGHT CHART	11
TABLE 3 PROGRAMMING MODES	21
TABLE 4 MAP OF MODE 30	24
TABLE 5 MAP OF MODE 40	25
TABLE 6 APPLICATION ADJUSTMENTS	26
TABLE 7 MAP OF MODE 0	30
TABLE 8 MAP OF MODE 10 AND MODE 20.	32
TABLE 9 STRING ENTRY SPECIAL CHARACTERS	38
TABLE 9 SIRING ENTRY SPECIAL CHARACTERS TABLE 10 SEQUENCE SELECTION TABLE	59
TABLE 11 SEQUENCE SET-UP CHART.	60
TABLE 12 SEQUENCE SELECTIONS LIST.	60
TABLE 13 ASCII CHART FOR CUSTOM FORMAT ENTRY TABLE 14 FORMAT SET_UP CHART	61 61
ידי איז איז איז איז איז איז איז איז איז אי	61

ł

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.

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