



Model 200 Series

Operation & Set-up Manual

Revision 2.0
July, 2004

Contents subject to change without notice.

Salter Brecknell Weighing Products
1000 Armstrong Drive
Fairmont, MN 56031
Tel (800) 637-0529
Tel (507) 238-8702
Fax (507) 238-8271
E-mail: sales@salterbrecknell.com
Web: www.salterbrecknell.com.

TABLE OF CONTENTS

	<u>Page</u>
Chapter 1: Introduction to the 200 Series Indicator.....	1-1
Chapter 2: Installation.....	2-1
2.1 ABS Enclosure	2-1
2.1.1 Connecting the weigh platform.....	2-1
2.1.2 Connecting the serial printer, remote display or computer.....	2-2
2.1.3 Connecting the power supply	2-2
2.2 Stainless Steel Enclosure.....	2-3
2.2.1 Connecting the weigh platform.....	2-4
2.2.2 Connecting the serial printer, remote display or computer.....	2-4
2.2.3 Connecting the power supply	2-4
Chapter 3: Configuration.....	3-1
3.1 Configuration Overview	3-1
3.2 Setup ("F") Menu	3-1
3.2.1 Entering the Setup Menu – ABS Enclosure.....	3-1
3.2.2 Entering the Setup Menu – Stainless Steel Enclosure	3-1
3.2.3 Navigating in the Setup Menu	3-2
3.2.4 Notes on the Setup Menu.....	3-3
3.2.5 Exiting the Setup Menu – ABS Enclosure	3-3
3.2.6 Exiting the Setup Menu – Stainless Steel Enclosure.....	3-4
3.3 User ("A") Menu.....	3-4
3.3.1 Entering the User Menu.....	3-4
3.3.2 Navigating in the User Menu	3-4
3.3.3 Notes on the User Menu	3-7
3.3.4 Exiting the User Menu	3-7
Chapter 4: Setup Menu Descriptions and Procedures.....	4-1
4.1 Setup Menu Descriptions	4-1
Chapter 5: User Menu Descriptions and Procedures.....	5-1
5.1 User Menu Descriptions	5-1
5.2 User Menu Procedures	5-4
5.2.1 ID Number Entry (A8)	5-4
5.2.2 Line Feeds Entry (A9).....	5-4

Chapter 6: Calibration.....	6-1
6.1 Calibration Overview	6-1
6.2 Zero Calibration (F16)	6-1
6.3 Span Calibration (F17)	6-1
6.4 View Calibration Values (F18)	6-2
6.5 Key-in Zero Calibration Value (F19)	6-2
6.6 Key-in Span Calibration Value (F20)	6-3
Chapter 7: Operation.....	7-1
7.1 Display.....	7-1
7.1.1 Liquid Crystal Display (LCD).....	7-1
7.1.2 Light Emitting Diode (LED) Display	7-1
7.2 Keyboard	7-2
7.2.1 Function Keys.....	7-2
7.3 General Scale Operation	7-3
7.3.1 Weighing an item.....	7-3
7.3.2 Taring an item	7-3
7.3.3 Piece Counting	7-4
7.3.4 Peak Hold Option	7-4
Chapter 8: Legal for Trade Sealing.....	8-1
8.1 ABS Enclosure	8-1
8.2 Stainless Steel Enclosure.....	8-1
Appendix A: Specifications	A-1
Appendix B: Serial Port Information.....	B-1
B.1 Serial Port Modes	B-1
B.1.1 Full Duplex Mode.....	B-1
B.1.1.1 Recognized Host Commands	B-2
B.1.2 Print Ticket Mode	B-2
B.1.3 Simplex Mode.....	B-3
Appendix C: Determining Proper Span Gain (F2)	C-1
C.1 Span Gain Overview.....	C-1
C.2 Setting the initial value for span gain.....	C-1
C.3 Viewing the internal counts.....	C-1
Appendix D: Displayed Error Codes.....	D-1
Appendix E: Addendum for 4-20 mA Option	E-1

LIST OF FIGURES

1-1	200 Front Panel.....	1-2
1-2	200E Front Panel	1-2
1-3	200ES Front Panel	1-3
1-4	200BW Front Panel.....	1-4
1-6	200SL Front Panel	1-4
2-1	200/200E ABS Enclosure Rear Panel.....	2-1
2-1a	200BW ABS Enclosure Rear Panel	2-1
2-2	Color Codes for Shielded Load Cell Cable.....	2-1
2-3	Pin Assignments for the Load Cell Port	2-2
2-4	Pin Assignments for the D-SUB9 Serial Port Connector.....	2-2
2-5	200ES Main Circuit Board Overview	2-3
2-5b	200SL Main Circuit Board Overview	2-3
2-6	Connection Assignments for the Load Cell Terminal (J8).....	2-4
2-7	Connection Assignments for the Serial Communication Terminal.....	2-4
3-1	Setup Menu Key Assignments	3-2
3-2	Setup Menu Chart	3-3
3-3	User Menu Key Assignments	3-5
3-4	User Menu Chart	3-6
5-1	User Menu Key Assignments	5-4
6-1	Setup Menu Key Assignments	6-1
7-1	200 Series LCD Detail.....	7-1
7-2	200 Series LED Display Detail	7-1
7-3	Function Keys Layout – non-battery powered units	7-2
7-3a	Function Keys Layout – battery powered units.....	7-2
8-1	200 and 200E ABS Rear Panel.....	8-1
8-1a	200BW ABS Rear Panel	8-1
B-1	Cable Diagram for Indicator to IBM PC.....	B-1
B-2	Consolidated Controls Demand Mode	B-1
B-3	Print Ticket	B-2
B-4	Cable Diagram for Indicator to Printer.....	B-2
B-5	Consolidated Controls Continuous Mode.....	B-3
P-1	200E Parts List.....	P-1

LIST OF TABLES

1-1	200 Series Product Matrix.....	1-1
4-1	Invalid Setup Selections for Commercial Applications	4-3
6-1	Calibration Value Table	6-2
7-1	200 Series Annunciator Definitions	7-2
C-1	Minimum Recommended Span Gain Table.....	C-2
C-1a	Minimum Recommended Span Gain Table	C-2

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/Salter Brecknell/200 operation and setup manual](https://the-checkout-tech.com/manuals/Salter%20Brecknell/200%20operation%20and%20setup%20manual.pdf)

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)