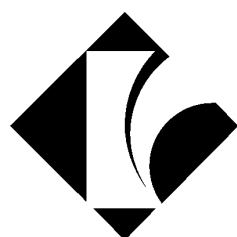


SMART WEIGHING SOLUTIONS



**rinstrum**

**5200**  
(Totaliser/Checkweigher)  
**Digital Indicator**  
**Quick Start Manual**

For use with Software Versions 1.0 and above

**Table Of Contents**

<b>1.</b>	<b>INTRODUCTION .....</b>	<b>4</b>
1.1.	Approvals.....	4
1.2.	Features.....	4
1.3.	Manuals .....	4
<b>2.</b>	<b>SPECIFICATIONS.....</b>	<b>5</b>
<b>3.</b>	<b>INSTALLATION.....</b>	<b>6</b>
<b>4.</b>	<b>WARNINGS .....</b>	<b>7</b>
4.1.	General Warnings.....	7
4.2.	Electrical Safety .....	7
4.3.	DC Power Supply .....	7
4.4.	Load Cell Signals and Scale Build .....	7
4.5.	Configuration Issues.....	7
<b>5.</b>	<b>CONNECTIONS .....</b>	<b>8</b>
5.1.	Cable Shield Connection and Earthing .....	8
5.2.	Connecting Shields.....	8
5.3.	Unused Pins .....	9
5.4.	Load Cell Connection .....	9
<b>6.</b>	<b>INSTRUMENT SETUP - FULL DIGITAL .....</b>	<b>14</b>
6.1.	Trade Critical Settings .....	14
6.2.	Settings.....	14
<b>7.</b>	<b>SAFE AND OPERATOR SETUP .....</b>	<b>26</b>
7.1.	Safe Setup .....	26
7.2.	Operator Setup .....	26
<b>8.</b>	<b>SPECIAL FUNCTIONS .....</b>	<b>27</b>
8.1.	Front Panel Keys (ZERO, TARE, GROSS/NET, PRINT) ® .....	27
8.2.	Front Panel Function Key (FRONT) ® .....	27
8.3.	Remote Keys (Remote 1 (REM 1) to Remote 4 (REM 4)) .....	27
8.4.	Special Functions .....	27
8.5.	Zero, Tare, Gross/Net, Print, Func .....	27
<b>9.</b>	<b>ACCESSORIES AND OPTIONS.....</b>	<b>29</b>
9.1.	Introduction .....	29
9.2.	Installing Option Cards .....	29
9.3.	Setpoint Card.....	29
9.4.	Output Drivers.....	30
9.5.	Remote Inputs .....	30
9.6.	Combo Card .....	30
9.7.	Fine Adjustment of Analog Outputs.....	31
<b>10.</b>	<b>CUSTOM PRINT FORMAT TOKENS.....</b>	<b>32</b>
10.1.	Events Tokens .....	32
10.2.	Format Tokens.....	32
10.3.	Product Tokens.....	33
10.4.	Session Total Tokens .....	33
10.5.	Grand Total Tokens .....	34
10.6.	Reading Tokens.....	34
10.7.	User Strings Tokens .....	34
10.8.	Other Tokens (Status) .....	35
10.9.	Other Tokens (Misc).....	35
10.10.	ASCII Codes .....	36
<b>11.</b>	<b>WEIGHING ERROR MESSAGES.....</b>	<b>37</b>
<b>12.</b>	<b>SETUP ERRORS .....</b>	<b>38</b>
<b>13.</b>	<b>CALIBRATION ERRORS.....</b>	<b>38</b>
<b>14.</b>	<b>DIAGNOSTIC ERRORS.....</b>	<b>39</b>

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*