



OP-03/05/07

**INSTRUCTION MANUAL**

---

**Weighing Indicator**



A&D Company, Limited

WM:PD4000504-01 b



# Contents

<b>1.</b>	<b><i>Compliance</i></b> .....	<b>4</b>
1.1.1.	Compliance with FCC Rules .....	4
1.1.2.	Compliance with European Directive.....	4
<b>2.</b>	<b><i>Introduction</i></b> .....	<b>5</b>
<b>3.</b>	<b><i>Installation and Precautions</i></b> .....	<b>6</b>
3.1.1.	Installation and Precautions.....	6
3.1.2.	The Load Cell Connections.....	6
3.1.3.	Adjustment of the Load Cell Output .....	7
3.1.4.	Verifying Load Cell Output and Input Sensitivity .....	7
<b>4.</b>	<b><i>Description of Panels and symbols</i></b> .....	<b>8</b>
4.1.1.	Front Panel Description .....	8
4.1.2.	Rear Panel Description.....	9
4.1.3.	Other Displays and Symbols.....	9
4.1.4.	Accessories.....	9
<b>5.</b>	<b><i>Calibration</i></b> .....	<b>10</b>
5.1.1.	Items of Calibration Mode.....	10
<b>5.2.</b>	<b>Calibration Procedure</b> .....	<b>11</b>
5.2.1.	Setting a weighing unit .....	11
5.2.2.	Setting of range and unit .....	12
5.2.3.	Setting resolution, decimal point and display format .....	12
5.2.4.	Setting of Capacity of First Range.....	13
5.2.5.	Setting of resolution of second range.....	13
5.2.6.	Setting capacity of the second range .....	13
5.2.7.	Preparation .....	13
5.2.8.	Zero Calibration.....	14
5.2.9.	Span Calibration.....	14
5.2.10.	Exiting the Calibration Mode .....	15
<b>5.3.</b>	<b>Weighing Range Function</b> .....	<b>16</b>
5.3.1.	Setting Division and Range .....	17
<b>5.4.</b>	<b>Digital Linearization Function</b> .....	<b>17</b>
<b>5.5.</b>	<b>Gravity Compensation Function</b> .....	<b>18</b>
5.5.1.	The Gravity Acceleration Table .....	19
<b>5.6</b>	<b>Calibration Error Code List</b> .....	<b>20</b>

<b>6. Functions</b> .....	<b>21</b>
6.1. Changing the Function Settings .....	21
6.2. F-Functions .....	22
6.3. CF-Functions .....	30
<b>7. Tare</b> .....	<b>31</b>
7.1.1. Weighing Tare.....	31
7.1.2. Digital Input.....	31
7.1.3. Clearing Tare .....	31
<b>8. Accumulation</b> .....	<b>32</b>
8.1.1. Preparation and Specification.....	32
8.1.2. Display and Operation .....	33
<b>9. Memory Code</b> .....	<b>35</b>
9.1.1. Using Memory Code .....	35
<b>10. Comparison</b> .....	<b>36</b>
10.1. Weight Check Mode .....	36
10.1.1. Condition formula for Comparison.....	37
10.1.2. Setting Upper/Lower Limit Values .....	37
10.1.3. Setting Order and Display for Weight Check Mode.....	38
10.2. Setpoint Comparison.....	39
10.2.1. Description of Input parameters and Outputs (F22 = 11).....	39
10.2.2. Setting the Parameters of Setpoint Comparison.....	39
10.2.3. Setting Order and Display for Setpoint Comparison and Simple batch.....	40
<b>11. Counting Function</b> .....	<b>41</b>
11.1. Using Counting Function .....	41
11.2. Unit Weight Registration .....	41
<b>12. RS-232C Interface</b> .....	<b>43</b>
12.1. Specification .....	43
12.2. Data Output Mode .....	44
12.3. Data Format .....	45
12.4. Command Format.....	45
12.4.1. Command to Request Data .....	46
12.4.2. Commands to Control the Indicator.....	47
12.4.3. Commands to Set Parameters .....	48
12.4.4. Commands to Set Data Output/ Print Format (UFC) .....	49

12.5. UFC Command Parameter .....	50
<i>13. Calendar / Clock (AD-4405 only) .....</i>	<i>51</i>
13.1. Time and Date Functions .....	51
13.2. Setting Time and Date .....	52
<i>14. Specifications .....</i>	<i>54</i>
14.1. Dimensions .....	55

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/AnD/AD-4405 instruction manual.html](https://the-checkout-tech.com/manuals/AnD/AD-4405%20instruction%20manual.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)