

# User Manual

## Single load cell platform scales

Manual number  
PTI-15-10/02/09/A

- **Table platform scales of WPT/F series**
- **Platform scales of WTC series**
- **Waterproof platform scales**

Vetek Weighing AB, Box 79, S-76040 Vaddö, Sweden  
Phone +46 176 20 89 20 fax. +46 176 20 89 29  
info@vetek.com  
[www.vetek.com](http://www.vetek.com)



<b>15. WORK MODES .....</b>	<b>40</b>
15.1. Setting accessibility of operation modes .....	40
15.2. Selecting quantity of operation modes .....	41
15.3. Counting pieces of the same mass .....	42
15.4. +/- control referring to the inscribed standard mass .....	44
15.5. Control of % deviation referring to the inscribed standard mass .....	45
15.5.1. Standard mass determined by its weighing.....	46
15.5.2. Mass of standard inscribed to scale memory .....	47
15.6. Automatic tare .....	48
15.7. Measurement max force on the pan – latch .....	49
15.8. Totalizing .....	49
15.8.1. Enabling the work mode.....	50
15.8.2. Totalizing procedure.....	50
15.8.3. Memory of the last value of sum of weighed goods .....	51
15.8.4. Return to weighing .....	52
15.9. Weighing animals .....	53
15.10. Tare memory.....	54
15.10.1. Entering the tare value to the scale memory .....	54
15.10.2. Selecting a tare value from the memory .....	56
<b>16. USER CALIBRATION .....</b>	<b>57</b>
16.1. Calibration .....	57
16.2. Start mass adjustment.....	59
<b>17. COOPERATION WITH PRINTER .....</b>	<b>60</b>
<b>18. COOPERATION WITH COMPUTER.....</b>	<b>61</b>
<b>19. COMMUNICATION PROTOCOL .....</b>	<b>62</b>
19.1. General information .....	62
19.2. A set of commands for RS interfaces:.....	63
19.3. Respond message format .....	63
19.4. Command's description .....	64
19.4.1. Zeroing .....	64
19.4.2. Tarring .....	64
19.4.3. Send the stable result in basic unit.....	64
19.4.4. Send the result immediately in basic unit .....	65
19.4.5. Send the stable result in current unit.....	66
19.4.6. Send the result immediately in current unit .....	66
19.4.7. Switch on continuous transmission in basic unit .....	67
19.4.8. Switch off continuous transmission in basic unit .....	67
19.4.9. Switch on continuous transmission in current unit .....	67
19.4.10. Switch off continuous transmission in current unit.....	68
19.4.11. Send all implemented commands.....	68
19.5. Manual printouts / automatic printouts.....	68
19.6. Continuous transmission .....	69
19.7. Configuring printouts .....	70
<b>20. ERROR COMMANDS.....</b>	<b>71</b>
<b>21. TECHNICAL PARAMETERS .....</b>	<b>72</b>
21.1. Platform scales of WTC series .....	72
21.2. Table platform scales of WPT/F series.....	73
21.3. Waterproof platform scales.....	74
<b>22. TROUBLE SHOOTING .....</b>	<b>75</b>
<b>23. ADDITIONAL EQUIPMENT.....</b>	<b>76</b>

## 1. INTENDED USE

Scales are designed for fast and precise measurements of weighed loads masses and direct commercial settlements. Tarring in full weighing range enables to determine net mass of weighed loads.

### Functions:

- backlight of display
- level of filtration
- autozero function
- setting baud rate of transmission
- continuous data transmission for RS 232
- automatic operation for RS 232
- designed printouts
- designation minimum mass for function operating
- counting pieces
- +/- mass control
- percentage deviation from standard mass
- latch of maximum scale indication
- automatic tare
- memory of tare
- Memory of 9 tare values
- inscribing tare value
- automatic scale switch-off
- user calibration
- Totalizing
- Weighing animals

User functions may have attribute of accessibility. For this reason it is possible to adjust scale to individual needs to provide access to only these functions which are currently needed. Attribute determination accessible / inaccessible is possible in user menu and described in further part of manual.