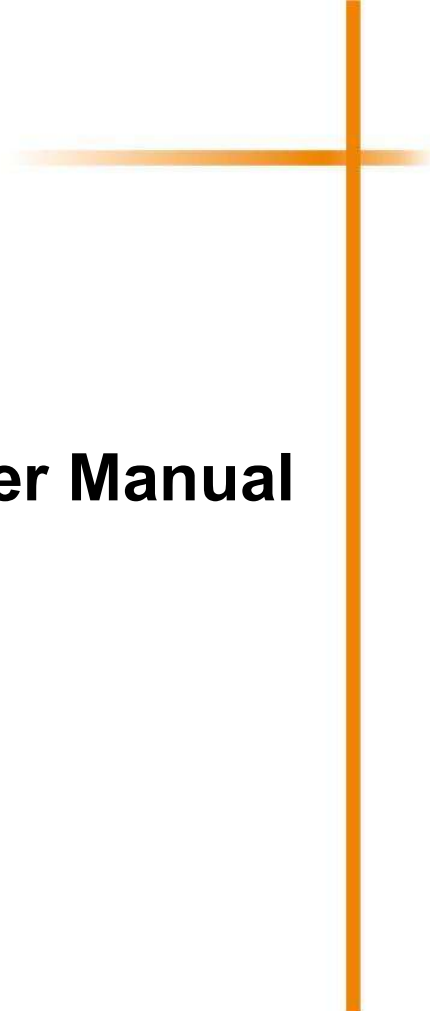




# **Electronic Walk-on Scale User Manual**



**For veterinary Use**

# CONTENT

|                                                                     |           |
|---------------------------------------------------------------------|-----------|
| <b>1.Scale features and functions .....</b>                         | <b>5</b>  |
| 1.1 Main functions: .....                                           | 5         |
| <b>2.Appliance overview .....</b>                                   | <b>6</b>  |
| 2.1 Display overview .....                                          | 6         |
| 2.2 Keyboard overview .....                                         | 7         |
| <b>3. Basic general information .....</b>                           | <b>8</b>  |
| 3.1 Proper Use .....                                                | 8         |
| 3.2 Improper Use .....                                              | 8         |
| 3.3 Warranty .....                                                  | 8         |
| <b>4. Basic safety precautions .....</b>                            | <b>8</b>  |
| 4.1 Pay attention to the instructions in the Operation Manual ..... | 8         |
| 4.2 Personnel training .....                                        | 8         |
| <b>5.Transportation &amp; Storage .....</b>                         | <b>9</b>  |
| 5.1 Inspect incoming merchandise .....                              | 9         |
| 5.2 Packaging/ return transport .....                               | 9         |
| <b>6.Unpacking and implantation .....</b>                           | <b>9</b>  |
| 6.1 Installation site, location of use .....                        | 9         |
| 6.2 Unpacking/implantation .....                                    | 9         |
| <b>7. Operation .....</b>                                           | <b>10</b> |
| 7.1 Weighing with tare .....                                        | 10        |
| 7.2 Unit .....                                                      | 10        |
| 7.3 Function .....                                                  | 11        |
| 7.4 Counting .....                                                  | 12        |
| 7.5 Calibration and parameter setting .....                         | 13        |
| <b>8. Installation Instructions .....</b>                           | <b>14</b> |
| <b>9. Appendix .....</b>                                            | <b>15</b> |

# 1.Scale Features and Functions

## Technical Data:

|                      |                                                                    |
|----------------------|--------------------------------------------------------------------|
| Product name         | LED Walk-on Pet Scale                                              |
| Brand                | TOOTOO MEDITECH                                                    |
| Type                 | Platform with LED Display for Animals                              |
| Model No.            | TTPS-2424, TTPS-3624, TTPS-4824, TTPS-59WB, TTPS-610WB, TTPS-612WB |
| Verification Class   | II                                                                 |
| Weighing Range (max) | 300KG                                                              |
| Minimum Load (Min)   | 0.5KG                                                              |
| Ambient Temperature  | -10°C – 40°C                                                       |
| Moist Environment    | 0 % - 80 % (non-condensing)                                        |

| Model No.  | Size     | Scaling Range | Accuracy   | Power                                           | Cable Length/Transmission Distance                |
|------------|----------|---------------|------------|-------------------------------------------------|---------------------------------------------------|
| TTPS-2424  | 50*90cm  | 0.5-300KG     | 0.05-0.1kg | operate with both AC adapter and battery        | Cable length: 3 meters                            |
| TTPS-3624  | 60*100cm |               |            |                                                 |                                                   |
| TTPS-4824  | 60*120cm |               |            |                                                 |                                                   |
| TTPS-59WB  | 50*90cm  |               | 0.05-0.1kg | The LED display operate and scale with AC power | Transmission Distance via Bluetooth: 10-15 meters |
| TTPS-610WB | 60*100cm |               |            |                                                 |                                                   |
| TTPS-612WB | 60*120cm |               |            |                                                 |                                                   |

## 1.1 Main Functions:

the walk-on scale is design for animals, it supports peak-hold, alarm function, auto sleep, simple counting function, double precision function.

## 2. Appliance Overview

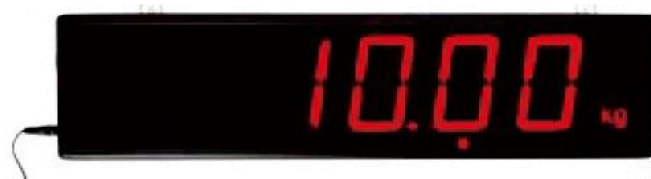


### 2.1 Display Overview



Weighting Indicator

Activate the function will light up the navigation keys on the display.



3" Big LED Display

**Be suitable for TTPS-59WB, TTPS-610WB, TTPS-612WB**

|        |                                                                   |
|--------|-------------------------------------------------------------------|
| HI     | Goods to be weighed above tolerance limit if signal lamp glowing  |
| OK     | Goods to be weighed within tolerance range if signal lamp glowing |
| LO     | Goods to be weighed below tolerance limit if signal lamp glowing  |
| STABLE | Stable display                                                    |

|          |                                                            |
|----------|------------------------------------------------------------|
| PEAK     | Indicate that the peak hold function is currently used     |
| COUNTING | The scale is in the counting state                         |
| ZERO     | Zero display;<br>to ensure that the scale starts from zero |
| TARE     | Taring; weight removed from tare, indicate the net weight  |
| KG G Lb  | Indicate the current weighing unit                         |

## 2.2 Keyboard Overview



| Button                                                                              | Function                                                                                                       |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
|  | *used for mode switch and function selection;<br>*long pressing to switch DNY,HOLD,ALAR mode.                  |
|  | *used for quantity sampling;<br>*setting the tolerance limits when counting function is shifted left and right |
|  | *used for select the weighing unit;<br>*to set the add-up with tolerance limits                                |
|  | used for confirming the function                                                                               |
|  | taring; tare deduction<br>weight removed from tare, indicate the net weight                                    |
|  | turn on/off                                                                                                    |

## 3. Basic General Information

### 3.1 Proper Use

The balance you purchased is intended to determine the weighing value of material to be weighed. The material to be weighed is manually and carefully placed in the center of the weighing plate. As soon as a stable weighing value is reached the weighing value can be read.

### 3.2 Improper Use

Do not leave permanent load on the weighing plate. This may damage the measuring system.

The structure of the balance may not be modified. This may lead to incorrect weighing results, safety-related faults and destruction of the balance.

The balance may only be used according to the described conditions.

### 3.3 Warranty

All the non-human damages of this product are product quality problems, and our company will implement Three Guarantees Policy.

For the following situations, the company will charge for the maintenance.

- Beyond the warranty period;
- The appliance is modified or opened;
- Mechanical damage or damage by people, media, tear.

## 4. Basic Safety Precautions

### 4.1 Pay Attention to The Instructions in the Operation Manual

Carefully read this operation manual before setup and commissioning.

### 4.2 Personnel Training

the appliance may only be operated and maintained by trained personnel.

## 5. Transportation & Storage

### 5.1 Inspect Incoming Merchandise

When receiving the appliance, please check packaging immediately, and the appliance itself when unpacking for possible visible damage.

### 5.2 Packaging/ Return Transport

- Keep all parts of the original packaging for a possibly required return.
- Only use original packaging for returning.
- Prior to dispatch disconnect all cables and remove loose/mobile parts.
- Reattach possibly supplied transport securing devices.
- Secure all parts such as glass wind screen, weighing platform, power unit etc. against shifting and damage.

## 6. Unpacking and Implantation

### 6.1 Installation site, location of use

The balances are designed in a way that reliable weighing results are achieved in common conditions of use.

You will work accurately and fast, if you select the right location for your balance.

**On the installation site observe the following:**

- Place the balance on a firm, level surface;
- Avoid jarring during weighing;
- Avoid static charge of goods to be weighed or weighing container.

### 6.2 Unpacking/Implantation

Take the balance carefully out of the package, remove the plastic cover and place it in the designated work area.

Scope of delivery / serial accessories:

- Balance
- Mains power supply
- Operating instructions

## 7. Operation

### 7.1 Weighing with Tare

Deposit weighing vessel.



Press the  button, the display indicates to the net weight position, and the weight display is zero.

Weigh the material, the net weight will be indicated.

The weight of the weighing container will be displayed as a minus number after



removing the weighing container. And press  button again to delete the tare value.

### 7.2 Unit



Press the  can select the weight units which include KG (kilogram), G (gram), Lb (pound) .



Long press the  can switch the unit setting.

|                                                                                                                                                              |                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| long press the                                                            | display "u1-ON/OFF"                                                           |
| press the  to select ON or OFF,                                           | display "u1-ON" or display "u1-OFF"                                           |
| press  to end the selection of U1(KG), and to enter the setting of U2 (G) | u1-ON: the unit is KG;<br>u1-OFF: u1 will not display;<br>display "u2-ON/OFF" |

Repeat the setting of U2(G), U3(Lb) in the same way.





After selection press the  to confirm, if only one unit is displayed, exit.

When multiply units are selected, "def-u1" is displayed, which means that u1 is default



unit, to press the  to switch between units. Press the  to exit.



## 7.3 Function

after self-test, long press the "Function" key to enter the selection:

- 1 OFF mode: turn off other function modes to prevent misuse
- 2 DNY mode: dynamic weighing mode
- 3 HOLD mode: peak hold mode
- 4 ALAR modes: upper and lower limit mode

### Dny mode

Long press the "Function" key to enter the setting, when "2 dny" is displayed, press the "Enter" key to confirm and enter the dynamic weighing mode.

Other key functions are not affected.

In this mode, it can eliminate interference better and more stably, and weigh dynamic data. It is often used to weigh animals.

In this mode, press the "Function" key once to turn it on, the dynamic indicator light will light up, and press it again to turn it off.

When the dynamic weighing is stable, the buzzer beeps shortly, indicating that the weighing is stable.

There are 3 options for "dny" in Parameter Settings:

DNY: normal dynamic, update when the dynamic weight changes

L=XX: will not update if the dynamic weight does not exceed (XX) KG

LOC: Lock dynamics (after locking, it will not update unless it returns to zero)

### Hold Mode

Long press the function key to enter the setting, press the function key to switch, when "3hold" is displayed, press the "Enter" key to confirm and enter the peak hold mode.

Other key functions are not affected.

In this mode, press the "Function" button once, the peak indicator light will light up, which means it is on, and press it again to turn it off.

When it is turned on, record the peak value of the measured weight and reserve it.

When the subsequent weighing value is not greater than the reserved value, the reserved value is still displayed.

When the subsequent weighing value exceeds the current peak value, replace it.

### **Alarm Mode**

Long press the function key to enter the setting, press the function key to switch, when "4 alarm" is displayed, press the "Enter" key to confirm and enter the alarm mode.

Other key functions are not affected.

Press the "Function" key in this mode, and "000000" will appear again and the lower limit indicator light will flash, and the lower limit value can be set.

"Count" is shifted, "Unit" is added, after the input is completed, press the "Enter" key, and "000000" will appear and the upper limit indicator light flashes, and the upper limit value can be set. "Count" is shifted, "Unit" is addition, after the input is completed, press the "Enter" button to return to the weighing state to complete the upper and lower limit setting.

In this mode, there are 2 options for "alarm" Settings:

- 0: Alarm within the upper and lower limits
- 1: Alarm outside the upper and lower limits

## **7.4 Counting**

Sampling or counting, (10, 20, 50, 100, any weight is acceptable, the more accurate with more weight), after counting the quantity, put it on the scale, the display will show



flashing digits of 10, 20, 50, 100. Press the  to display the actual number of samples when the number of samples is the same.

At this time, the display indicator is at the counting position, that is, it enters the counting state. If you put the item to be counted again, it will display the current quantity. When the counting function is completed, press the counting key again to exit

the counting.

## 7.5 Calibration and Parameter Setting

Turn on the switch, when the scale is in the process of self-inspection from "000000-999999", quickly input "tare-tare-tare" (the input must be completed before reaching the weighing state), and it will display "F1-diu" (counting key and unit key to change options or parameters, confirm key to enter the option or confirm.)

**The following table is user parameter setting** (the following operations need to be performed by trained personnel)

| Display | Meaning                               | Setting Range                                                                                                                                                                                                          |
|---------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01-diu  | division value setting                | XX-XX is double precision, and the values are the upper and lower half-scale precision respectively.<br>XX is single precision.                                                                                        |
| 02-pnt  | digit setting after the decimal point | Press Confirm key to select                                                                                                                                                                                            |
| 04-cal  | calibration setting                   | The value is the number of calibrations                                                                                                                                                                                |
| 05-tra  | zero tracking setting                 | 0-12 unit is the current division value                                                                                                                                                                                |
| 06-led  | brightness setting                    | 0,1,2,3,4,5,6,7; 7 is the brightest                                                                                                                                                                                    |
| 07-bud  | baud rate setting                     | 2400 4800 9600 19200                                                                                                                                                                                                   |
| 08-al0  | interval alarm setting                | 0: within the interval<br>1: outside the interval<br>2: no alarm                                                                                                                                                       |
| 09-al1  | interval alarm setting                | 0: alarm immediately<br>1: stable alarm                                                                                                                                                                                |
| 10-dny  | dynamic range setting                 | DNY: normal dynamic, update when the dynamic weight changes<br>L=XX: will not update if the dynamic weight does not exceed (XX) KG<br>LOC: Lock dynamics (after locking, it will not update unless it returns to zero) |
| 11-dny  | dynamic speed setting                 | 1-12: the smaller value, the faster the dynamic update of the weight                                                                                                                                                   |
| 12-adc  | weighing speed setting                | 0 1 2: 0 is slowest, 2 the fastest                                                                                                                                                                                     |

## 8. Installation Instructions

Name

Picture

Power Cable



Signal Cable



Scale Foot



Weighting Indicator



Supporting Point



3" LED Display



- 1) Please use the Scale Foot to insert in the supporting point of the scale(at the bottom).
- 2) Connect the scale with the indicator by the signal cable. Male side of the cable to connect with the scale Female side. Female side of the cable to connect with the Indicator Male side.
- 3) Connect the A/C power by Power cable.
- 4) The weight indicator can install on the wall by the screws or put on the table by its stand.

## 9. Appendix

### **Appendix1: Calibration**

When "04-CAL" is displayed,

Press the enter button to display "CAL-1"

Press the enter key to enter, when it displays "XXXXXX", put on the weight, it will display "00.0000", press the count key to shift, press the unit key to input the weighing of the weight. Finally, press the enter key to shift to the end to confirm Weight, complete calibration.

### **Appendix 2: The protocol represented by each value of the machine setting FA-tpe**

- 0: Yaohua A7 communication protocol, data format: 1kg "=000.100" flip
- 1: Yaohua A1 communication protocol, data format: 1kg: "02+00100031903"
- 2: Yaohua A12 communication protocol, data format: 1kg: "wn+001.000kg"
- 3: Taiwan Yingzhan communication protocol with carriage return, data format: 1kg: "ST, NT+ 1.000kg carriage return"
- 4: Direct Windows communication protocol, data format: 1kg: "1.000"
- 5: Text record communication protocol, with carriage return and line feed, data format: 1kg: "1.000 carriage return"
- 6: Korean CAS communication protocol (optional) Data format: 1kg: "1.000kg"
- 7: Carriage return and line feed Data format: 1kg: "1.000kg"
- 8: BCD Code Protocol

### **Appendix 2: Alarm Setting**

It supports interval alarm setting and communication function.

- 1. Long press the function key for about three seconds and display "4alarm", press the confirmation key to the upper and lower limit mode. Other function keys are not affected.
- 2. Press the function key, the lower limit indicator light flashes, the count key shifts, the unit key adds. Press the enter key after completion, then the upper limit indicator light flashes, the count key shifts, the unit key adds, press the confirm key after completion.