

# Service Manual for EC counting scale

## I . Phenomena of trouble

### 1) Trouble of part

The trouble phenomena are as following:

- a) Buzzer-----buzzer doesn't make sound, or sometimes make sound and sometimes doesn't make sound.
- b) LCD-----The display is faultily.
- c) Backlight-----The backlight doesn't lighten, or sometimes it lighten and sometimes doesn't lighten:
- d) Key -----The key don't work.

### 2) Trouble of load cell

The trouble phenomena are as following:

- a) The display data is drifting.
- b) The display data doesn't change, or the internal resolution value is not in the natural range.
- c) The internal resolution data drift badly.
- d) The initial resolution is drifting.

### 3) Trouble of power supply

The phenomenon is as following:

The scale doesn't work or the "low voltage" symbol comes out after turning on.

### 4) Trouble of the PCB

The phenomena are as following:

- a) Trouble of display board-----the display is abnormal, or shows nothing.
- b) Trouble of main board
  - There is nothing in the display when turn on the scale.
  - The scale can not be powered on.
  - The weighing is unstable.
  - The internal resolution is out of the normal range.
- c) Trouble of RS-232 board-----The scale doesn't transmit any data.

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/CAS/EC Series Service manual.html](https://the-checkout-tech.com/manuals/CAS/EC%20Series%20Service%20manual.html)

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