

Weigh Indicators

manual

CONTENTS

1. Function Introduction
2. Technology parameter
3. Connection
4. Normal operation
5. Setting operation
6. Error message
7. Calibration

1. Function Introduction

1. Support analog load cell and digital load cell
2. Using digital load cell can adjust the corner error quickly
3. Changing the load cell do not need for calibration again
4. Gravity setting is available
5. Calibration locked device is available
6. Two RS232 interfaces, can be connected the printer and computer
7. Auto power off is available

2. Technology parameter

1. Class: III n=3000
2. Signal input: analog load cell
3. Voltage: 220V 50HZ
4. Working temperature: -10°C~40°C
5. Working humidity: <85%RH
6. Weight: about 1.4 kg
7. Overall size: 220×160×110 (mm)

3. Connection

1. Analog Loadcell connection (Aviation-9 hole plug)

Pin 1: +E(5V)
Pin 2: +S
Pin 3: -S
Pin 4: -E(GND)
Pin 5: GND

2. Communication connection (Digital Loadcell)(D-SVB-9 pin)

Pin 1: +6V sensor positive
Pin 2: RXD (RS-232 input)
Pin 3: TXD
Pin 5: GND
Pin 6: TXD2 (232 output)
Pin 9: GND

4. Error message

1. [Err C]: The connection of digital load cell is fault
2. [Err d]: The A/D part is fault
3. [Err A]: The analog load cell is fault
4. [Err 0]: Zero point is abnormal when power on.
5. [Err 3]: The load cell 3 is fault (the number means the load cell number)
6. [OVER]: Weighing value is bigger then the maximum weighing value.

5. Normal operation

	operation	displaying	explanation
1 Power on	press 【①】	[15.12.20]	Data leave the factory
		[U E rA .10]	Software vision number
		[Pbt 85]	Battery capacity is 85%
		[000000~999999]	
		[0.0]	normal weighing
2 Power off	press 【①】 2 second	[Pbt 80]	Battery capacity is 85%
			[-OFF-]
3 Zero	press 【→0←】	[0.0]	【→0←】 light on
4 Tare		[68.0]	If the stable light is on
	press 【→T←】	[0.0]	【NET】 light on, load the weight, can be tare repeatedly
		[25.0]	【NET】 light on
	press 【→T←】	[0.0]	【NET】 light on
5 Clear tare		[-25.0]	【→0←】 light on
	press 【→T←】	[68.0]	【NET】 light off
6 Accumulation And printer		[128.5]	Weight value
	press 【→】	[n 26]	Display the accumulation times If data form is 9,printer the weight paper
7 Unit switch	press 【*】 1 second	[L b]	Lb light on, display lb weight
	press 【*】 1 second	[kg]	Lb light off, display kg weight
8 Printer cclear	press 【*】 1 second	[n 352]	Accumulate the times
		[23506.5]	Accumulate the weight
	press 【→】		If the the data form is 8 or 9, press 【→】 to printer the ccumulate value
	press 【→0←】		Clear the Accumulation value
9 Digital umber input	press 【→】		Use 【→】 key to shift digital bit, the selected bit is flickering.
	press 【↑】		Use 【↑】 key to increase the value of the selected digital bit.
	press 【→0←】		Clear the digital number

6. setting operation

	operation	displaying	explanation
1 Normal weighing	press 【→T←】 2 second	Function setting [F ABCD]	A function of blue teeth A=0 no blue teeth ; A=1 with blue teeth B function of Auto power off B=0 no Auto power off; B=1 Auto power off C unit switch C=0 unit can not be switched; C=1 unit can be switched D function of auto accumulation D=0 no auto accumulation ; D=1 auto accumulation
	press 【→】【↑】		Function setting
2 Data selection	press 【*】	[U YX]	X is the data form (TXD2) Y=8 printer mode, printer the total weight Y=9 printer mode, printer the accumulate weight and total weight
	press 【↑】	[U YX]	Choose the data form you want to
3、	press 【*】	[0.0]	return to normal weighing display

7. Calibration

press **【→T←】** and turn on the indicator to enter the Calibration

	operation	displaying	explanation
1		[d 0.1]	division unit of display
	press 【↑】	0.001...50	Select one item from 0.001 to 50
2	press 【*】	[300.0]	maximum weighing value
	press 【→】【↑】		Input new maximum weighing value
3	A/D value	[XXXXXX]	Displaying the A/D value to ensure the indicator is work
4	press 【*】	[[noLoAd]]	Enter zero point calibration state, confirm no load and weighing is stable.
	press 【*】	[------]	
5	Seconds later	[300.0]	Display the maximum weighing value
	1 second later	[AdLoAd]	Load the weight
6	press 【→】【↑】	[150.0]	Input actual load value, and then wait until weighing is stable.
	press 【*】	[------]	
	Seconds later	[150.0]	Range calibration is carrying on. After range calibration is finished, the indicator will return to normal weighing display.