

RS-232 transmission

Data Type: UART signal of EIA-rS0232C
Baud Rate: 1200/2400/4800/9600/19200 BPS
Data format: 8 Data Bit, No Parity Bit, 1 Stop Bit

Data format

SET-UP menu select CLA--5, data format as follow:

BYTES ASC II

HEAD		HEAD		DATA								UNIT		C	LF		
HEAD1(2 BYTES)										HEAD2(2 BYTES)							

HEAD1(2 BYTES)	HEAD2(2 BYTES)
OL – Overload,Under load	NT – net mode
ST – Display is Stable	GS – gross mode
US – Display is Unstable	

For example:

Data format of gross weight is +1.888kg at unstable(no tare).

Data format of net weight is -2.698lb at unstable (																		
U	S	.	N	T	.	-	0	0	2	.	6	9	8	l	b		0D	0A
HEAD		HEAD		DATA								UNIT		C	L	F		

Data format of net weight is -2.698lb at unstable(tare).

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OPERATING MANUAL

Please read the manual carefully before using.



WEIGHING SERIES

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I. Keypad functions

Keypad functions / Operation

Keypad function

MODE Print function(Hold down it to enter into check weighing /counting/pre-tare function).

M+ Accumulation function.

RE-CALL Re-call accumulated value function.

UNITS Weighing units choice function.

ZERO Re-zero the scale.

TARE Deduct the container weight.

II. Operation

Tare function

Instructions	Operation	Screen display
Press	1. Scale is at stable.	0000 kg
	2. Put the container into the platter.	0.100 kg
	3. Tare the scale.	0000 kg
	4. Put the weighted items into the container.	2.000 kg

Choose the unit

Instructions	Operation	Screen display
Press	1. Scale is at stable.	000 kg
	2. Press UNITS key	00 lb
	3. Press UNITS key.	00 oz
	4. Press UNITS key.	0 g

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II. Operation

Accumulation function/Re-call function/Pre-tare function

Accumulation function

Instructions	Operation	Screen display
Press	1. Scale is at stable.	0000 kg
	2. Place the item on the pan(i.e.:1.000kg).	1000 kg
Press	3. Press M+ key.	-Add-- 1000 kg

NOTE:
1) The accumulation counts are up to 99 counts, but the total quantity column is at most 6 digits.
2) You can not do accumulation when the scale is unstable.

Re-call function

Instruction	Operation	Screen display
Press	1. Scale is at stable.	0000 kg
	2. Place the item on the pan(i.e.:1.000kg).	1000 kg
Press	3. Press M+ key.	-Add-- 1000 kg
	4. When it's at stable, press Re-call key.	1000 kg

Preset tare weight(i.e.: 20.000kg)

Instructions	Operation	Screen display
Hold down	1. Enter into advanced function setting.	LOU
Press	2. Enter into checking weighing function.	PSt
Press	3. Enter into pre-tare function.	P-tare
Press	4. Enter into pre-set tare weight setting.	000000 flash
Press	5. Shift right to the two number before the dot.	000000 flash
Press	6. Enter the value.	020000 flash
Press	7. Confirm the value.	-20000 kg

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III. Professional operation

Counting Function

Counting Function

When the scale is at zero, if the quantity is known, but the unit weight is unknown.

Instructions	Operation	Screen display
Hold down	1. Enter into advanced function setting.	LOU
Press	2. Enter into counting mode.	
Press	3. Enter into quantity choice mode. C 10 20 50 100 150 200 250 500	10 pcs
Press	4. i.e. select C 20 and place the item which needs to be counted.	20 pcs
	5. Confirm choice quantity and enter into counting mode, the window will show the total quantity.	20 pcs

Press	6. Take off the item.	0 pcs
	7. Place the counted item i.e.:100pcs, total weight is 10.000kg	100 pcs

Press 8. Return to weighing mode.

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III. Professional operation

Check weighing Function
Exit check weighing mode

Check weighing Function

i.e: Set the high value: 20.00kg, set the low value: 10.00kg.

Instructions	Operation	Screen display
Hold down	1. Enter into advanced function setting.	LOU
Press	2. Enter into check weighing mode.	PSt
Press	3. Enter into preset high values operation.	000000
Press	4. Shift right to the second number before the dot.	000000
Press	5. Enter the value.	020000
Press	6. Enter into preset low values operation.	000000 kg
Press	7. Shift right to the second number before the dot.	000000 kg
Press	8. Enter the value.	010000 kg
Press	9. Confirm the value. Setting is finished. It is in check weighing mode.	0000 kg

Exit check weighing mode

Hold down	1. Enter into advanced function setting.	LOU
Press	2. Enter into check weighing mode.	PSt
Press	3. Enter into preset high values operation.	020000 kg
Hold down	4. Clear off the high value.	000000 kg
Press	5. Exit check weighing mode, return to weighing function.	0000 kg

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IV. Calibration

Instruction for extramural calibration/
Instruction for Intramural calibration

Instruction for extramural calibration

For example: 30kg/1g

Instructions	Operation	Screen display	Remark
Hold down	1. Enter calibration -- CAL --	200 kg	200 kg flash
Press	2. Place 20kg weight, then signal shows stable.	-----kg	20000 kg static
	3. Take out the weight, calibration is finished.		0000 kg

Instruction for Intramural calibration

For example: 30kg/1g

Instructions	Operation	Screen display	Remark
Hold down	1. Enter calibration-- CAL --	200 kg	200 kg flash
Hold down	2. Enter into Intramural calibration.	300 kg	300 kg flash
Press	3. Place 30kg weight.	-----	30000 kg static
	4. Take out 30kg weight.	-----	20000 kg flash
Press	5. Place 20kg weight.	-----	20000 kg static
	6. Take out 20kg weight.	-----	10000 kg flash
Press	7. Place 10kg weight.	-----	10000 kg static
	8. Take out 10kg weight.	-----	0000 kg flash
Press	9. Calibration is finished.		

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