PR SPECIFICATION

PREFACE

Thank you for the purchasing of our CAS PR Series.

This series have been designed with CAS reliability, under rigid quality control and with outstanding performance. Your speciality departments can enjoy with these high quality reliable CAS products.

We believe that your needs will be satisfied and you will have proper reliability in variable weight.

This manual will help you with proper operations and care of the PR series.

Please keep it handy for the future reference.

1. WEIGHING SPECIFICATIONS

(1)Single Capacity (Table 1)

No.	Capacity	Degree	Tare Range
0	3kg	1g	0 - 1.499kg
1	6kg	2g	0 - 2.998kg
2	15kg	5g	0 - 7.495kg
3	30kg	10g	0 - 14.99kg
4	6lb	0.002lb	0 - 2.998lb
5	15lb	0.005lb	0 - 7.495lb
6	30lb	0.01lb	0 - 14.99lb
7	60lb	0.02lb	0 - 29.98lb

(2)Dual Capacity (Table2)

No.	Capacity	Degree	Tare Range
8	6kg	(0 - 3kg) - 1g (3 - 6kg) - 2g	0 - 2.999kg
9	15kg	(0 - 6kg) - 2g (6 - 15kg) - 5g	0 - 5.998kg
10	30kg	(0 - 15kg) - 5g (15 - 30kg) - 10g	0 - 9.995kg
11	6lb	(0 - 3lb) - 0.001lb (3 - 6lb) - 0.002lb	0 - 2.999lb
12	15lb	(0 - 6lb) - 0.002lb (6 - 15lb) - 0.005lb	0 - 5.998lb
13	30lb	(0 - 15lb) - 0.005lb (15 - 30lb) - 0.01lb	0 - 9.995lb
14	60lb	(0 - 30lb)- 0.01lb (30 - 60lb) - 0.02lb	0 - 29.99lb

(2)Single Capacity (Table3 High Resolution)

No.	Capacity	Degree	Tare Range
15	6kg	1g	0 - 2.999kg
16	15kg	1g	0 - 5.999kg
17	30kg	2g	0 - 9.998kg
18	6lb	0.001lb	0 - 2.999lb
19	15lb	0.002lb	0 - 5.998lb
20	30kg	1g	0 - 9.999kg
21	60lb	0.01lb	0 - 29.99lb

2. DISPLAY

- LED 16 bits
- Weighting Display：5 bits

  Decimal：

  3kg Mode → 3 bits decimal (0.000~3.000kg)

  6kg Mode → 3 bits decimal (0.000~6.000kg)

  15g Mode → 3 bits decimal (0.000~15.000kg)

  30kg Mode → 3 bits decimal (0.000~30.000kg)

  6lb Mode → 3 bits decimal (0.000~6.000lb)

  15lb Mode → 3 bits decimal (0.000~15.000lb)

  30lb Mode → 3 bits decimal (0.000~30.000lb)

  60lb Mode → 2 bits decimal (0.00~60.00lb)

- Unit Price Display：5 bits
- Total Price Display：6 bits
- Zero Point Indicator、Tare Indicator、Power Source Indicator、Low Battery Indicator、Accumulation Indicator

3. KEYBOARDS

Key Number：16

- Numeric Enter keys：[0]，[1]，[2]，[3]，[4]，[5]，[6]，[7]，[8]，[9];
- Zero Set Key：[Zero]

- Tare Key：[Tare]
- Add/TTP Call Key：[*]
- Pay Key：[#]
- Nemeric Clear Key：[Clear]

4. Weighing Mode

⑴.Weighing with Tare

Tare Method：

Place the container on the platter，press TARE key。

⑵. Zero Set Range

Initial Zero ±The（2%，5%，10%，20%）Capacity

Zero Set Range ±The（2%，5%，10%，20%）Capacity

⑶. Unit Price Input

Numeric Enter [0] – [9]

⑷. Accumulation

When you have a few batch of things to weigh, place the commodity on the platter. Enter an unit price. Press [#] key to save weighing times and total price in memory. Meanwhile, display total amount and total price. Remove the commodity from the platter, repeat the above operation, can continue to accumulate.

⑸ . Display /Clear Previous Amount And Total Price

When no commodity on the platter, press [*] to display total

amount and total price. Press numeric key to continue to add up transactions for weighed commodities. Press [C] key to clear previous total amount and previous total price, and go back to the weighing mode.

⑹. Make Payment

When no commodity on the platter, press [*] to display total amount and total price. Press [#], enter a customer's payment displayed on the unit price display, and the amount of change is displayed on the total price display. Press [#] , to exit from the change mode, to go back to the weighing mode.

5. Battery Consumption Time

Battery specifications 4V/4AH, battery charging time 16 hours, 25 hours continuous use time. When the battery voltage drops below 3.8V, the low battery indicator lights. For the protection of battery over discharge, when the battery voltage is lower than 3.6V, the automatic shutdown.

Test Mode Introduction

I、 Power on to Enter Calibration Mode

Press [CAL] key, then press [ON/OFF] key and enter cal mode. Display [CAL] three times, then show [C-1].Press [Zero] or Numeric keys to select one of C1~C5 item, press [Tare] key to get into C1~C5 mode.

Notice：Because the keyboard of the scale will test the key value and the battery voltage when enter into CAL mode, please unpress the [CAL] key, and no key will be pressed between display [CAL] and dsplay [C1].
When keyboard can not be used, please try again.

II、 C1 Set Weighing Specification

C1：Weighing Specification Set：0～14

Display [C1 x] Showed In Table 1 and Table2.

III、 CLEAR MEMORY

C2：EEPROM Initiation

Press [Tare] Key to Initiate EEPROM.

IV、 C3 Calibration

Display **[ULoAd]**

Press [Tare] Key, Confirm Zero Point。

Display **[LoAd]**

Load the poise, press [Tare]and wait a few seconds. If the weight loaded is just the same as the full range, press [Tare] complete this calibration. Or you should modify the value through Nemeric Key and Press [Tare] Key.

Notice：Calibration weighting value should not great than 10% of capacity.

V、 FUNCTION SET

C4-1:Initial Zero Range

[C4-1 0] 2% Full Range

[C4-1 1] 5% Full Range

[C4-1 2] 10% Full Range

[C4-1 3] 20% Full Range

C4-2: Zero Set Range

[C4-2 0] 2% Full Range

[C4-2 1] 5% Full Range

[C4-2 2] 10% Full Range

[C4-2 3] 20% Full Range

C4-3：Zero-Tracking Range

[C4-3 0] 1/4e

[C4-3 1] 1/2e

[C4-3 2] 1e

[C4-3 3] 2e

C4-4：Sleep Mode

[C4-4 0] Sleep Mode Off

[C4-4 1] Sleep Mode On

C4-5：Price Decimal Point Position

[C4-5 0] Unit Price, Total Price With 0 Decimal Point

[C4-5 1] Unit Price, Total Price With 1 Decimal Point

[C4-5 2] Unit Price, Total Price With 2 Decimal Point

VI、 AD Test

C5： Show Internal AD value

VII、 Gravity constant

C6： Gravity constant

[C6-G1] Manufacturing place Gravity constant

[C6-G2] used place Gravity constant