VI. Power supply & battery recharging

1. Power supply
   - AC 220V 50HZ
   - DC 6V / 4Ah rechargeable sealed lead-acid battery

2. Low voltage indication
   When the battery voltage is low, a LED indicator will light on the left side of the TOTAL PRICE window.

   The scale will automatically turn off about 15 minutes after the said LED indicator lights. It will operate properly before the power is turned off.

3. Recharging the battery
   Turn off the scale before recharging. A “In charge” LED indicator on the panel will go orange in the process of charging the battery.

   It will take approx. 8 hours to fully charge the battery.

   The LED will turn RED while fully charged. Please disconnect the power once red light is on.
F. Pay – Return function under accumulation mode

1. Press **PAY** key under accumulation mode.
   "PAY", "PRICE" total amount will appear on WEIGHT, UNIT PRICE TOTAL displays respectively.

2. Key in the amount to be paid.
   The amount to be paid and amount that should be returned will appear on the UNIT PRICE TOTAL displays respectively.

⇒ Clear accumulation

Press **MC** key to clear all accumulation memories done.

V. Specifications

<table>
<thead>
<tr>
<th>ACS-30</th>
<th>ACS-15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. capacity: 30 kg</td>
<td>Max. capacity: 15 kg</td>
</tr>
<tr>
<td>Min. weight: 200 g</td>
<td>Min. weight: 100 g</td>
</tr>
<tr>
<td>Resolutions: e=10 d=5 g</td>
<td>Resolutions: e=d=5 g</td>
</tr>
<tr>
<td>Pan size: 310 x 230 mm</td>
<td>Pan size: 310 x 230 mm</td>
</tr>
</tbody>
</table>

I. Precautions Before Using The Scale

**Environment**
The scale should always be used in an environment, which is free from excessive air currents, corrosives, vibration, and temperature or humidity extremes. These factors will affect displayed weight reading.

**DO NOT** install the scale:
1. Next to open windows or doors causing drafts or rapid temperature changes.
2. Near air conditioning or heating vents.
3. Near vibrating, rotating or reciprocating equipment.
4. Near magnetic fields or equipment that generates magnetic fields.
5. On an unstable work surface.
6. In a dusty environment.
7. In direct sunlight.

**Leveling the Scale**
The scale is equipped with a level indicator on the left bottom side of the front panel and four adjustable leveling feet. Adjust the leveling feet until the bubble appears in the center circle of the indicator.

**Turn on Scale**
Do not turn on scale with anything on the platform. The switch is located on the right side of the scale. The scale will start to count down from nine to zero and then be ready for use. Give a warm-up for 15–30 minutes before use.
1. Eliminate TARE

Remove all on the pan; the weight display will show a negative (−) container's weight. Pressing the TARE key at this moment will bring the weight display to zero and TARE LED indicator will extinguish.

(IV) Operation Details

A. Preset and recall unit price

1. Input unit price via numeric keys and then press PRICE key. “SAVE” will be shown on the WEIGHT display, and the inputted will appear on the UNIT PRICE display.

2. Press the memory cell key (01 ~ 30) where you desire to save the unit price in. At the moment, the unit price is well stored. The scale now will return to normal weighing mode.

B. Amount accumulation

Use M+ key to accumulate amounts calculated weight basis and key accumulate amounts calculated on unit basis. (the M+ LED indicator will light on the left side of TOTAL display to indicates that the scale is under accumulation mode)

6. Total Price Display

Totals 6 digits for amount accumulated or price for item being weighed on the pan.

Indicated Symbols

-ência

£º Scale is in TARE mode.

£º Scale is in ZERO mode.

£º Scale is in ACCUMULATION mode.

£º Battery low voltage situation, scale needs to be fully recharged for accurate measurement and proper operation.

Keypad Functions

01 ~ 30: PLU memory keys.

0 ~ 9: Numeric keys
The entered numbers will be automatically cleared if the time interval between numbers being entered is larger than 3 seconds. A re-entry of unit price is necessary.

- **C**: Use this key to clear the unit price readings entered.

3.

- **−0−**: If there is a minor weight displayed without anything on the pan, hit the zero key to clear the display.
- **→↑**: Use this key to subtract the container’s weight. Indicates that the current weight reading is net weight.
- **M+**: Use this key to accumulate price amount calculated for items charged by weight.
- **£**: Use this key to accumulate price amount that is not charged by weight. Press this key for a direct input of accumulation into memory.
- **MC**: Use this key to clear all accumulations in memory under accumulation mode.

**IV. Operations**

(I) **Switch on & off**

Push the ON/OFF switch to “I” position to turn on the scale & to “O” position to turn off the scale.

(II) **Zero the scale**

Press **−0−** key to return the display to zero in case there is any zero drifting while unloaded.

(III) **Subtract container’s weight**

1. Place a container on the pan.
2. Press **→↑** key
3. The Weight display will show as below:

![Weight Display Image]

The TARE LED indicator is lighting.

Display Windows

1. Weight Display –
   Totals 5 digits.

2. Unit Price Display –
   Totals 5 digits for unit price or times of price Accumulated.

Notes: Do not give unit price until normal weighing mode is available after [M+] key or [+ ] key is pressed for previous accumulation.

C  Records review for items which price were accumulated

1. Press [MR] key under accumulation mode.
   The WEIGHT display will show the total record number and “ALL” appear on the UNIT PRICE display.

2. Keep pressing [MR] key to recall each record in turn.
   The weight & record no. will appear alternately on the WEIGHT display for each record.

D  Deleting individual record in record review process

Press [C ] key to delete the currently shown record.
The deleted record number won’t be re-used any more.

**Deleting entire records in record review process**

Press **MC** key to delete all the records in record review process. “**– 000 –**” **ALL** will appear on WEIGHT UNIT PRICE displays respectively.