



# OPERATION MANUAL

## IMPORTANT

- Do not carry out installation, operation, service or maintenance without thoroughly understanding of the contents of this manual.
- Keep this manual available at all times during installation, operation, service, and maintenance.

**ISHIDA CO., LTD.**

You can help improve this manual by calling attention to errors and by recommending improvements. Please convey your comments to the nearest Ishida Company regional representative.

Thank you!

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## 1. Cautions for Handling

To ensure the safe operation of this machine, the general safety considerations below must be followed:

- Always operate the scale on a level surface.
- Do not disassemble the scale.
- Do not allow any liquids to come into contact with the scale.
- Do not drop or apply a strong shock to the scale.
- When cleaning the scale, only use a soft dry cloth wetted with a neutral cleanser. Never use thinner or other volatile liquids.
- Do not use your scale in abnormal conditions.

If smoke, disgusting smell, or any other abnormality is detected from the scale, immediately disconnect the power supply cable plug from the outlet and contact the nearest ISHIDA regional representative for repair. Continued use of scale under such abnormal conditions may cause a fire or electric shock. For your personal safety, never repair the scale by yourself.

- Do not insert/remove the plug in/from the outlet with wet fingers.
- Do not remake the electrical plug or power cable.
- Do not pull strongly, break, or remake the power cable.
- Do not leave any items on the weighing platter.
- Do not peel off the seal affixed to the scale body.

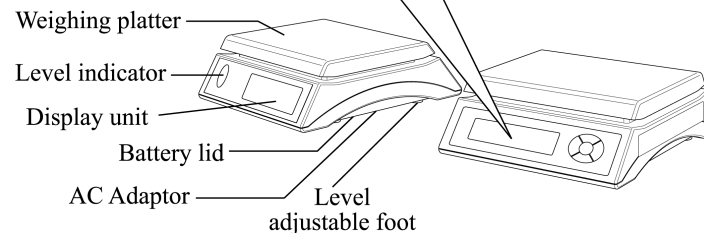
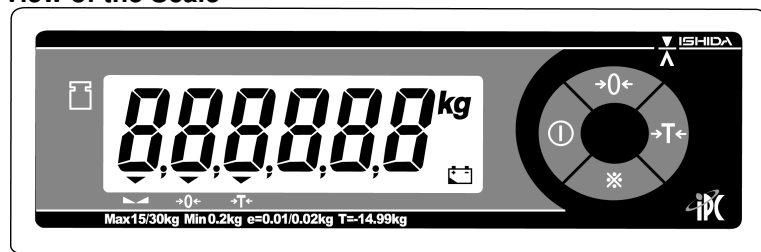
### ⚠ WARNING!

Always operate the scale with the same rated AC power supply shown on the specification plate.

- Avoid Locating the Scale in the Following places:
  - A place of low temperature, high temperature or high humidity
  - A place exposed to direct sunlight
  - A place frequently exposed to vibration
    - On an unstable floor or table
  - A place directly exposed to cold or hot air

## 2. Name and Function of Each Component

### 2-1 External View of the Scale



### 2-2 Function of Each Key

⓪ Used to turn ON/OFF power of the scale.

→0← Used for zero adjustment.

→T← Used to set tare weight. When the Stable mark is displayed, the actual weight is "0" weight is deducted.

\* Also Used for auto power function.



### 3. Preparing the Scale

The following describes the procedure for preparing the scale before operation.

#### 1 Install Battery.

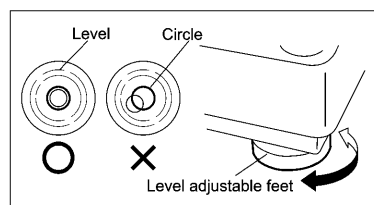
Open the lid on the bottom of the scale and install two D-batteries.

Connect the AC Adaptor to the receptacle installed on the bottom of the scale.

Warning: Do not connect the AC Adaptor, when using the batteries.

#### 2 Level the Scale.

Adjust the level adjustable feet until the air bubble inside the level remains at the center of the circle.



#### 3. Turn on the Power Switch

With nothing placed on the weighing platter, press the

ⓘ key to turn on the power.

#### NOTE:

Make sure that display indicates all "0"s.

#### 4. Adjust the Zero Point.

If the zero-point mark is not displayed, press the →0← key.

#### 5. Using Auto-power Off Function

Keep pressing the ✖ key for 6 sec to change auto-power function mode.

Press the ✖ key to change the mode;

P 0: auto-power off

P 1: 20 min

P 2: 60 min (factory default)

Press the →T← to set the mode.

### 4. Weighing

#### 1 Set Tare Weight (if necessary)

Place a tare weight, and press the →T← key.



#### 2 Reset TARE Weight

Press the →T← key with nothing on a platter.



#### 3 Weigh an Item

Place the item to be weighed on the weighing platter.

When the [ ] marks stops flashing, the actual weight is displayed.



### 6. Specifications

Platter Size	<SMALL>	230 × 200 mm	
	<LARGE>	280 × 280 mm	
Capacity and minimum graduation		APPROVAL SPEC.	NON APPROV AL SPEC.
	<SMALL>	3 kg/1 g (0 - 1.5 kg), 2 g (1.5 - 3 kg)	3 kg/1 g
		6 kg/2 g (0 - 3 kg), 5 g (3 - 6 kg)	6 kg/2 g
	<LARGE>	15 kg/5 g (0 - 6 kg), 10 g (6 - 15 kg)	15 kg/5 g
		30 kg/10 g (0 - 15 kg), 20 g (15 - 30 kg)	30 kg/10 g
POWER	Dry Cell 2 pieces (* can be operated for 300 hours with alkaline dry D-Type batteries) or AC Adaptor (No Dry Cell and/or AC adaptor are included in the shipment)		
APPROVAL	OIML, NTEP, CE conformity		