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# HJ-150 Compact Scale

## Operating Instructions

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### Cautions

- ❑ Avoid installing / leaving the scale in direct sunlight / high humidity.
- ❑ Place the scale on a flat and solid surface in a place free from wind.
- ❑ Avoid vibration, strong electric or magnetic fields and rapid changes in temperature or humidity.
- ❑ Avoid using the scale near other electronic equipment.
- ❑ Do not mix the battery types. Replace all of the batteries at same time.
- ❑ If the scale is not to be used for a long period of time, remove the batteries.
- ❑ Avoid over / shock load that could cause damage to the scale.
- ❑ Keep the protective cover attached when you carry the scale.
- ❑ Wait for more than 6 seconds to let the scale warm up after turning on the power.
- ❑ When the location to be used or the ambient environment has changed, calibrate the scale before use.
- ❑ When the display shows  $L\ \square$ , or continues to show  $8.8.8.8$  more than 30 seconds after turnig on, replace the batteries with new one.

### Specifications

Capacity: 150 x 0.1 g / 5.29 x 0.01 oz

Linearity:  $\pm 0.2$  g      Repeatability: 0.1 g (Standard deviation)

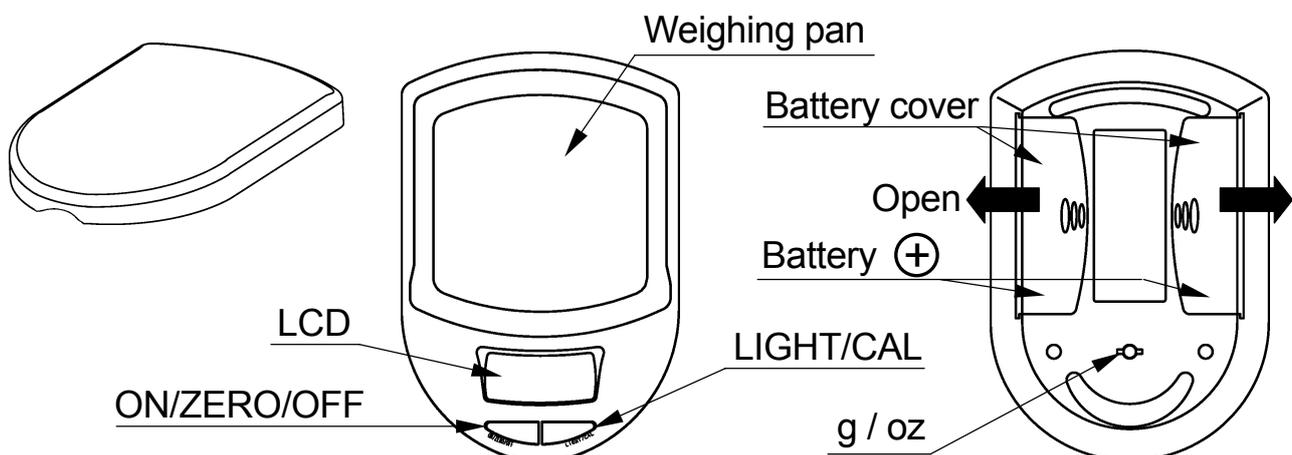
Operating environment: 5°C ~ 40°C (41°F ~ 104°F), less than 85% RH

Display: 7 segment LCD with backlight (Character height 8 mm)

Power: 2 x "AAA" size batteries, approx. 80 hours with alkaline batteries.

Pan size: 60 (W)x 64 (D) mm / 2.36 (W) x 2.52 (D) in.

Accessories: Instruction manual, 100g weight, 2 monitor batteries



## Switches

**ON/ZERO/OFF** Switch:

Press to turn the scale on. In the operation mode, press briefly to set the display to zero. Press and hold approximately 3 seconds to turn the scale off.

**LIGHT/CAL** Switch:

In the operation mode, press briefly to turn the LCD backlight on. Press and hold approximately 3 seconds to enter the calibration mode.

**g / oz** Switch:

In the operation mode, press the switch located on the bottom of the scale to change the weighing unit between “g” and “oz”.

## Installing / Replacing batteries

Remove the battery covers and insert 2 AAA size batteries into each housing, taking care with the polarities. Attach the battery covers again.

- Keep the protective cover attached when installing and/or replacing batteries, to prevent excessive force from being added to the weighing pan.

## Weighing procedures

### 1. Turn on / off the scale

Press the **ON/ZERO/OFF** key to turn on the scale. The scale shows all segments for a few seconds and displays zero. The backlight will turn on for about one minute. Press and hold approximately 3 seconds to turn the scale off.

- When powered on and unstable weighing continues more than 15 seconds, **8.8.8.8** display goes to **E** and the scale turns off.

### 2. Select the weighing unit

Press the **g / oz** switch to select a weighing unit from “g” and “oz”.

### 3. Weighing

Verify the reading is zero. If not, press the **ON/ZERO/OFF** key to zero the display. If you use a container for weighing, place an empty container on the weighing pan and press the **ON/ZERO/OFF** key to zero the display.

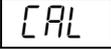
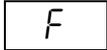
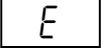
Place the objects to be weighed on the pan or in the container. Wait for the display to become stable and read the weight.

❑  means overload. Remove the objects from the pan immediately.

## Automatic power-off function

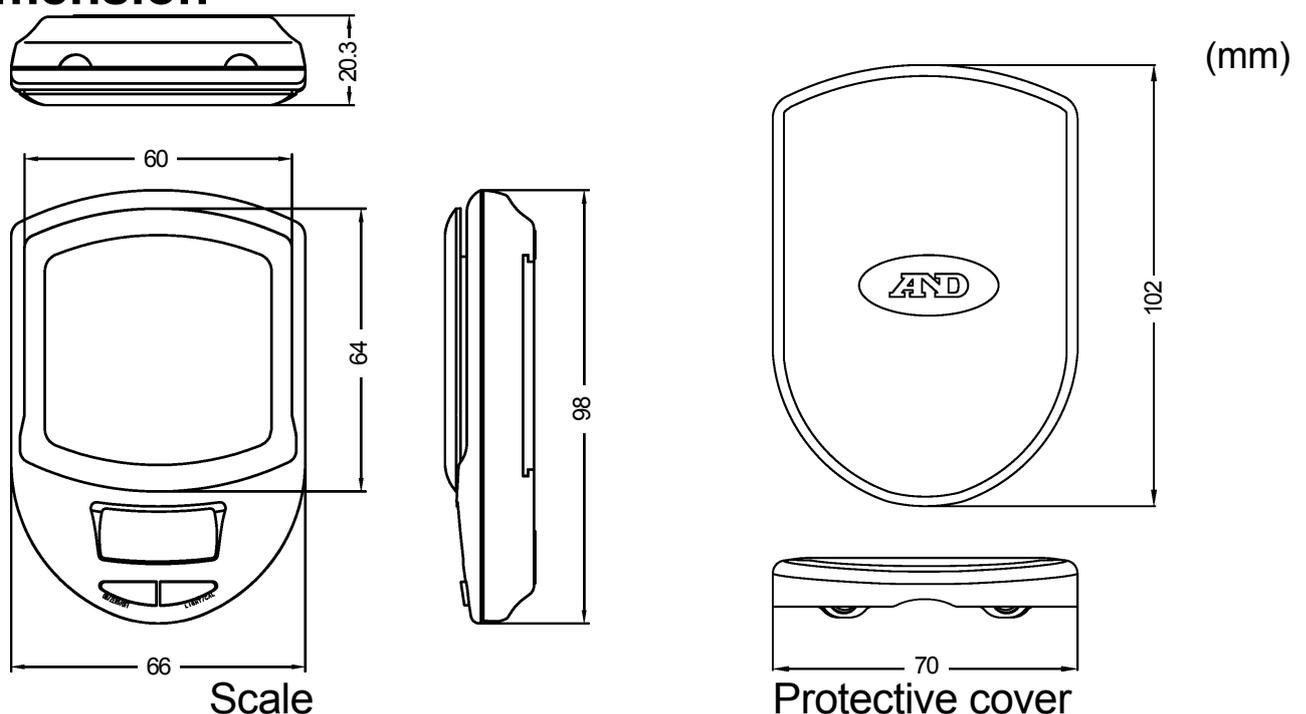
The automatic power-off function turns power off after approximately 2 minutes of stable display during the object(s) applied. When there is no object applied, it will turn off after 30 seconds.

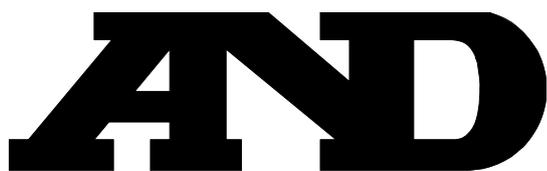
## Calibration

1. Make sure that there is nothing on the weighing pan, press and hold the  key approximately 3 seconds. The display shows . Release the key.
2. The scale memorizes the zero point and automatically displays .
3. Place the weight of 100g on the center of the pan within 10 seconds.
4. After approximately 8 seconds, the scale will display  for success and  for failure. Then, the scale automatically turns off.
5. Turn the scale on again to start the operation.

❑ If calibration fails, check if anything is touching the weighing pan, there is vibration or wind, and the calibration weight is correct.

## Dimension





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