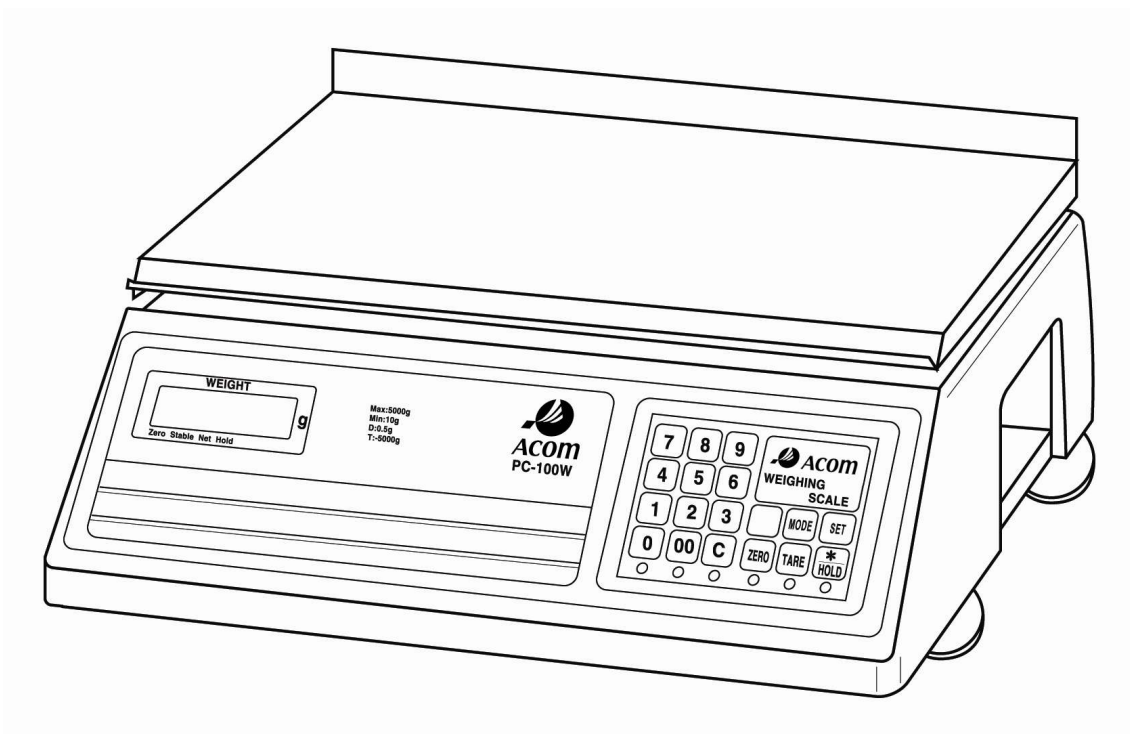


Operating manual

MODEL : PC – 100W



ACOM

Gratitude

Thank you for your purchasing our product, we are always trying to serve you with a good quality as a reliable weighing instrument and enhanced features to supporting various kinds of conveniences of conveniences

Specifications

Items	PC-100W				
	5 kg	10 kg	20 kg	20 kg	30 kg
Min. Division	0.5g	1g	2g	1g	1g
Max. Tare	Full Tare				
Linearity	+ / - 1d				
Repeatability	+ / - 1d				
Display Update	9 times / 1sec.				
Display	Vacuum Fluorescent Display 6 digit				
Designators	Zero, Stable, Net, Batt (optional)				
Operating Temp.	- 10 °C ~ 40 °C				
Humidity	Below than RH 85%				
Power Source	115, 230 AC 50, 60 Hz or Rechargeable battery(Optional)				
Consumption	Approx. 6 W				
Fuse	250V / 0.5A				
Platter size	(W)350 mm x (D)270 mm				
Product size	(W)365 mm x (D)365 mm x (H)160 mm				
Product Weights	Approx. 8 kg(net), 10 kg(gross)				
Battery Power Pack (optional)					
Battery Charging	11 hours with using scale				
Time	15 hours without using scale				
Battery Duration	15 hours with continue using				
Product Weights	Approx.9.2 kg(net), 11.5 kg(gross)				

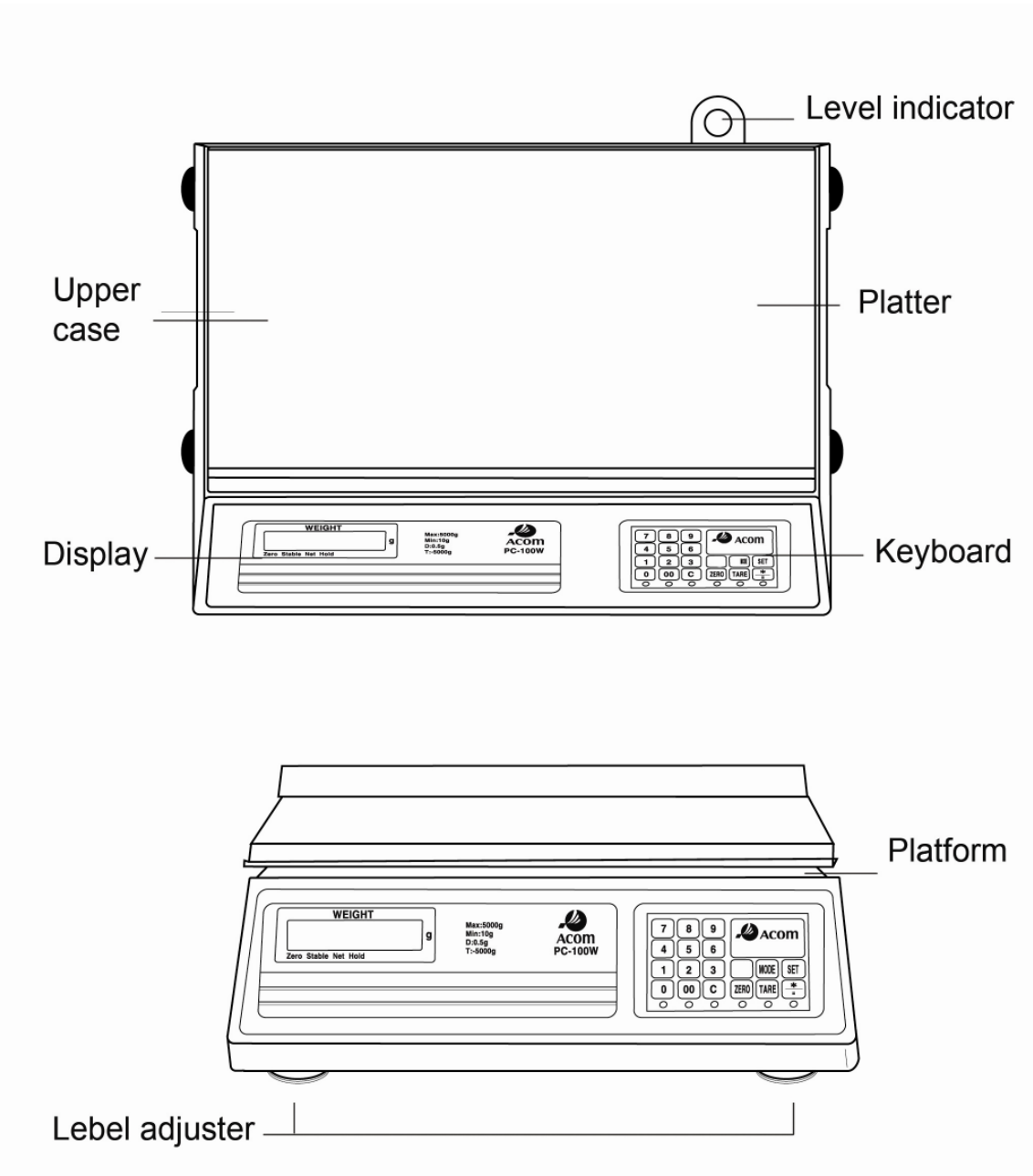
Precautions

- Locate the scale on a flat and rigid site that is free of vibrations
- Locate the scale out of direct sunlight
- Do not use radio devices which emit a strong electromagnetic fields near by
- Do not apply sudden impact to the platter
- Level the scale with four adjusters
- Do not spill the water to the scale
- Do not use cleaners included solvent or sinner
- The scale should be calibrated by authorized person prior to being used
- Turn on the scale at least 10 minutes before using

Unpacking and assembly

- Take out packed equipment(scale) with both hands
- Take off the polystyrene and vinyl packing
- Locate the scale on a rigid desk
- Put stainless steel platter on the platform

Names of parts



Keys and function

Keys	Functions
<div style="display: flex; justify-content: center; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">0</div> ~ <div style="border: 1px solid black; padding: 2px 5px;">9</div> </div>	This key is used to set numbers
<div style="border: 1px solid black; padding: 2px 5px; width: 30px; margin: 0 auto;">C</div>	This key used to clear numbers
<div style="border: 1px solid black; padding: 2px 5px; width: 40px; margin: 0 auto;">ZERO</div>	This key used to correct zero shift, activated on stabled on Stable marked
<div style="border: 1px solid black; padding: 2px 5px; width: 40px; margin: 0 auto;">TARE</div>	This key used to entering tare weight, activated on stable marked
<div style="border: 1px solid black; padding: 2px 5px; width: 30px; margin: 0 auto;">*</div> <div style="border: 1px solid black; padding: 2px 5px; width: 40px; margin: 0 auto;">HOLD</div>	This key used to hold weighing and wake up from stand by mode (battery pack)
<div style="border: 1px solid black; padding: 2px 5px; width: 40px; margin: 0 auto;">MODE</div>	This key used to change the mode. Normal mode, Count mode, Limit mode
<div style="border: 1px solid black; padding: 2px 5px; width: 40px; margin: 0 auto;">SET</div>	This key used to set the mode

Designators and functions

Designators	Functions
ZERO	It indicates centered zero
STABLE	It indicates stable status in weighing
NET	It indicates tare entered
HOLD	It indicates the hold display
BATT	It indicates battery using and exhausted when blink

Using Battery (optional)

Scale works by battery when not in using AC power, please read carefully for the best condition of rechargeable battery, while scale is being worked by battery the designator "BATT" is indicated

1. First operation from delivery

The battery may be exhausted during a long delivery or other reasons, please charge the battery fully.

2. Charging times

Times for a full charged battery are 11 hours with scale turned on and 15 hours with scale turned off. When you use a scale out door it is recommended charge the battery after message "Lo-bAt" (low battery)

3. Voltage indication

Scale indicates a voltage either turned on by power switch or restarting from stand by mode by " * " key

4. Warning voltage

The battery exhausted to lower level then scale warns "Lo-Bat" with beep sound three times, this means battery will work a few hours more, please charge the battery

5. Power down voltage

If the scale is left after a message "Lo-Bat" for a long time then scale will put power down mode itself, at this moment turn off power switch immediately and commence the charging battery

6. Stand by mode

Scale is left without weighing or key input for a time which has been set to waiting time then scale will jump into the stand by mode in order to saving a battery power and scale will wake up by pressing " * " key, waiting time is programmable.

Operation

1. Setting a waiting time(optional)

- Press “ * ” key with empty platter(zero status)
- Press “ * ” key again, number displayed means waiting time in second
- Waiting time changes by pressing “TARE” key 15 seconds interval up to 3 minutes, choose a time
* Set time “0”for a continue operations
- Press “ * ” key programming and exit to normal mode
- Remove commodity
- Remove tare and press “TARE” key, designator “NET” is turned off

2. General weighing

Always confirm “ZERO” mark before weighing and read weight after “STABLE” marked on

- Put commodity on the platter
-
- Read weight after stable marked on
- Remove commodity

3. Weighing with tare

A. Unknown Tare

- Place the tare on the platter

- Press "TARE" key, designator "NETS" is turned on 0
- Put commodity on the tare 324
- Read weight after designator " STABLE" marked on 324
- Remove commodity 0
- Remove tare and press "TARE" key, designator "NET" is turned off 156

B. Known Tare

- Enter a tare weight by number keys 156
- Press "TARE" key, designator "NET" is turned on 0
- Put commodity on the tare 324
- Read weight after designator "STABLE" marked on 324
- Remove commodity 0

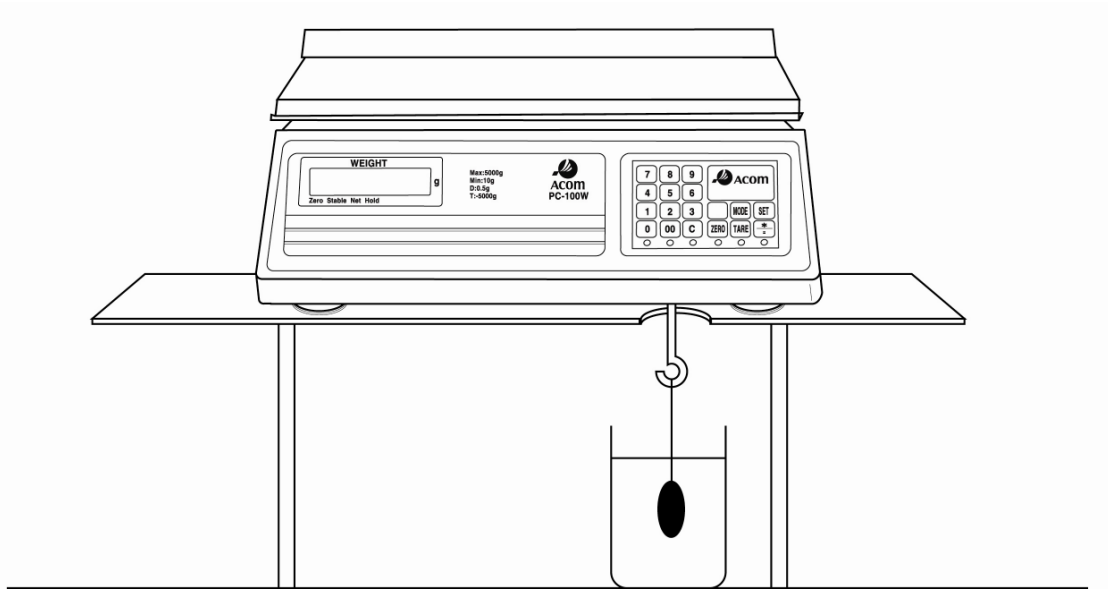
4. Weighing with hold function

Weighs a live animal, fishes or others, hold weighing displays a averaged weight and return to zero removing it(them)

- Put fish(es) on the platter 12xx
- Press "HOLD" key HOLD
- "Blink"
- Read a weight averaged 1236
1236
- Remove fishes 0

5. Density measurements(optional)

Set a platform with hole and install the scale as shown illustration below, weigh a part in water and calculate it by density formula



6. Errors table

Errors	Meanings	Treatments	Remarks
ZErO	Initial zero failure	Turn on scale with empty platter Call service	
EEP	Memory failure	Call service	
AdC	Analog circuit failure	Call service	
PArA	Memory failure	Call service	
Lo-BAt	Low battery	Charge battery	Battery option

7. Personal memorandum



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