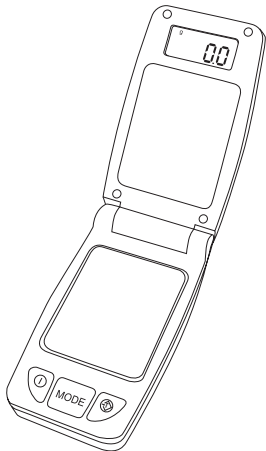(AWS) American Weigh Scales, Inc.

CELLPHONE Scale
Digital Pocket Scale

CP-300 (300 x 0.1g)
CP-100 (100 x 0.01g) *User Manual*

Cellphone Scale Manual

Thank you for purchasing the American Weigh Cellphone Scale. Please read all operating instructions carefully before use. This electronic scale is a precision instrument. With normal care and proper treatment, it will provide years of reliable service. Never load the scale with more than the maximum capacity. Overloading will permanently damage it! Avoid any exposure to extreme heat or cold. Your scale works better when operated at normal room temperature. Always allow the scale to acclimate to normal room temperature for at least one hour before use. Give your scale sufficient warm up time. Usually 30-60 seconds before calibration to give the internal components a chance to stabilize.

Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and a close distance to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale. Handle with care. Gently apply all items to be weighed onto the platform. Although this scale is designed to be quite durable, try to avoid rough treatment as this may permanently damage the internal sensor.

Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and must be handled with extreme care.

Only operate the scale on a stable, vibration free surface.

I. OPERATION

1. Press [①] key.
2. Wait until "0.0" or "0.00" is displayed.
3. Place the item(s) to be weighed on the platform.
4. Using the [MODE] key, you can switch between weighing units.
5. To turn the scale off, press the [①] key again.

II. TARE WEIGHING

To weigh using the tray, you can place it on the platform before turning the scale on or:
1. Turn on scale as described in the first section.
2. Place the weighing tray or container on the platform.
3. Press [◎] key briefly and wait until "0.0" is displayed.
4. Add the "net-weight-item" to the tray or container.

III. CALIBRATION

Only calibrate your scale if your scale is not weighing properly. This scale comes pre-calibrated.

A. CP-300 Calibration Steps

1. Turn off the scale. Press and hold the "MODE" key then press the [①] key until the display shows a random number. Now release both keys.
2. Press the [①] key again. The display will show "AL 0" then "300.0". Gently place a 300g weight on the center of the platform and press the [①] key again. The LCD will display "AL F" then "300.0".
3. Calibration is complete. If the scale shows "AL E", an error has occurred - Turn off the scale and repeat

steps 1 through 3 above.

A. CP-300 Calibration Steps

1. Turn off the scale. Press and hold the "MODE" key then press the [①] key until the display shows a random number. Now release both keys.

2. Press the [①] key again. The display will show "AL 0" then "100.00". Gently place a 100g weight on the center of the platform. The LCD will display "AL F" then "100.00".

3. Calibration is complete. If the scale shows "AL E", an error has occurred - Turn off the scale and repeat steps 1 through 3.
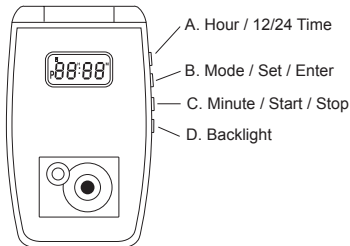
IV. CLOCK OPERATION

1. Diagram

A. Hour / 12/24 Time

B. Mode / Set / Enter

C. Minute / Start / Stop

D. Backlight

2. Clock Mode & Timer Mode

a. Press button **B** to switch between normal "Clock Mode" and "Timer Mode".

3. Setting the Clock

a. While in normal "Clock Mode", press and hold the **B** button.

b. The clock's hour and minute digits will flash.

c. Press button **A** to increment the hours by one. Hold to go faster.

d. Press button **C** to increment the minutes by one. Hold to go faster.

e. Press the **B** button when you are finished setting.

4. Setting the Timer

a. While in "Timer Mode" (⌛), press and hold the **B** button.

b. The timer's hour and minute digits will flash.

c. Press button **A** to increment the hours by one. Hold to go faster.

d. Press button **C** to increment the minutes by one. Hold to go faster.

e. Press the **B** button when you are finished setting.

5. Using the Timer

a. After setting the timer, press the **C** button to start the countdown.

b. Press the **C** button again to stop it.

V. TROUBLESHOOTING

The primary reasons for inaccuracy or malfunction are low batteries, incorrect calibration, overload or operating under unstable conditions. Please keep this in mind and maintain and operate your scale properly.

This scale is a precise instrument and must be handled with the utmost care and caution.

[Display]   Solution:

Nothing, ⚡,

                Change the batteries.

[EEEEE]   You are overloading the scale. Remove the excessive load immediately!

[Oue2]   The delicate weighing load cell has been damaged by misusing the scale (i.e. it was shocked, dropped or overloaded). You can try recalibrating.

Specifications

Model	CP-300	CP-100
Capacity	300g / 10.585oz / 9.645ozt / 193dwt	100g / 3.528oz / 500ct / 1543gn
Resolution	0.1g / 0.005oz / 0.005ozt / 0.1dwt	0.01g / 0.001oz / 0.05ct / 0.1gn
Calibration Weight	300g (sold seperate)	100g (sold seperate)
Scale Dimensions (inches)	2.2 x 4.6 x 1 "	
Warranty	10 Year Warranty	
Power	2 x AAA Batteries (included)	