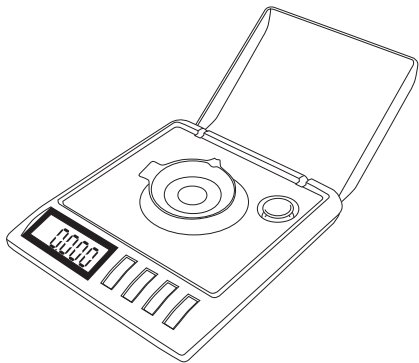


AWS American Weigh Scales, Inc.

GEMINI-20



User Manual

Gemini-20 Manual

Thank you for purchasing the American Weigh Gemini-20 portable milligram 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 the scale 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 tray top. 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

Place the scale on a flat and level surface.

1. Press the [ON] key.
2. Wait until "0.000g" is displayed.
3. Place the object(s) to be weighed on the weighing platform.
4. Using the [MODE] key, you can switch between the weighing units.

(To weigh using the tray, place it on the platform before turning the scale on or use the Tare feature.)

II. TARE WEIGHING

Using Tare, you can subtract the weight of a container.

1. Turn the scale on as described above.
2. Place the "tare item" on the platform such as a tray or container.
3. Press [TARE] and wait until "0.000g" is displayed.
4. You can now add items to the tray or container.

III. CALIBRATION

Calibration is NOT required before first use. Only calibrate if scale is not weighing properly.
off. Calibration is complete!

1. Turn the scale on as described above.
2. Once the scale is at zero, press and hold the [ON] key for about 3 seconds. The display will go blank briefly then flash "0". You may now release the [ON] key.
3. The display will show "10.000" and the "g" indicator will be flashing.

4. Place the 10g calibration weight on the center of the platform and wait until the “g” indicator stops flashing. Calibration is complete!

IV. TROUBLESHOOTING

The primary reasons for inaccuracy or malfunction are low batteries, incorrect calibration, overload or operating on an unstable surface. 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] Elimination of errors

Nothing, Battery-Symbol, [lo] or [88888]

Change the batteries.

[Err1] Recalibrate the scale as shown above.

[Err2] You are overloading the scale. Remove the excess again after recalibration.

Specifications

Model	Gemini-20
Capacity	20g / 0.7055oz / 100ct / 308.64
Resolution	.0001g / 0.0001oz / 0.005ct / 0.02gn
Calibration Weight	10g (or 1g-20g selectable at calibration)
Platform Dimensions (inches)	0.7 " diameter (1.3 " with tray)
Scale Dimensions (inches)	3 x 5 x 0.75 "
Power	2 x AAA (included)

