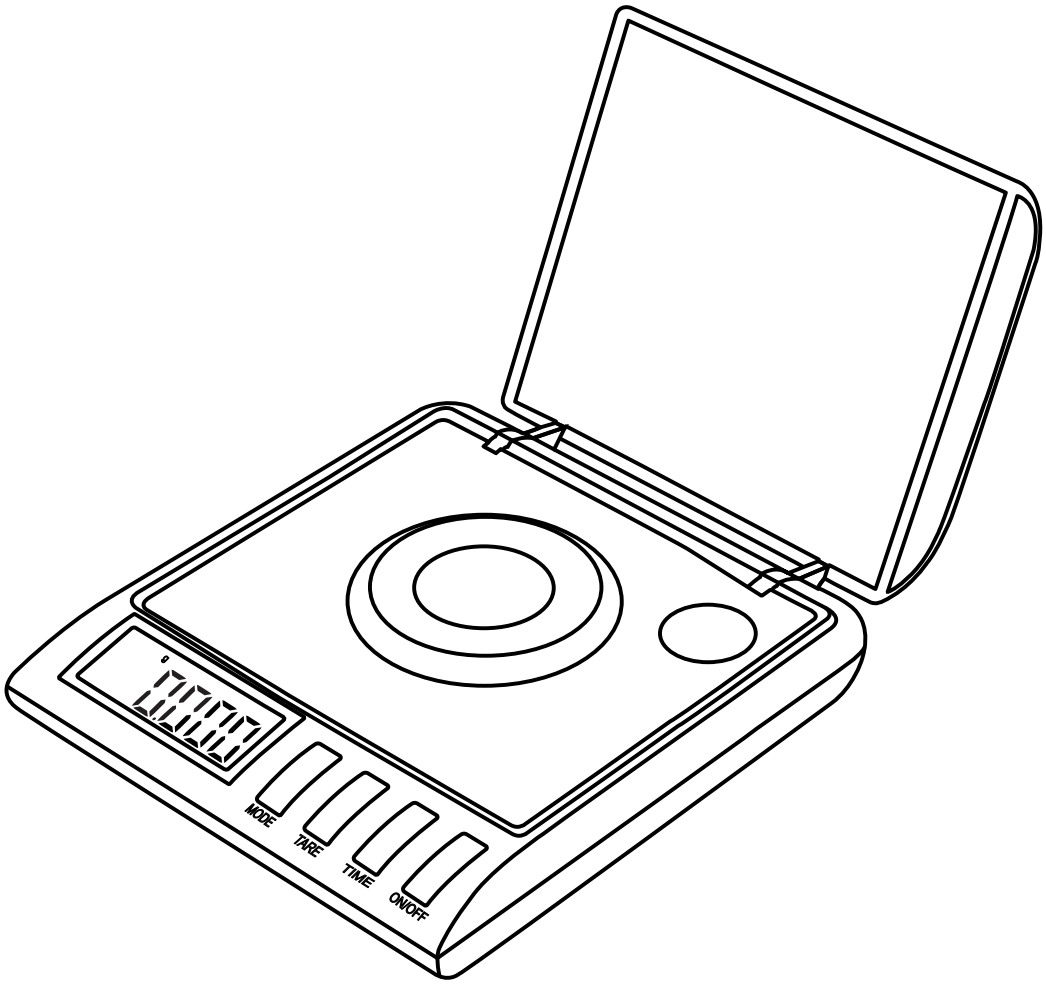
# Fuzion® KD-Series

## PROFESSIONAL DIGITAL SCALE



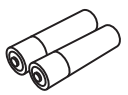
Thanks for purchasing the Fuzion Digital Milligram Scale! This User Guide is designed to get you up and running quickly with your scale. Scales are precision instruments and require proper care and skill to get the best results.If you have questions or need support, please feel free to reach out our customer support: support@fuzionglobal.com

## What's in the Box

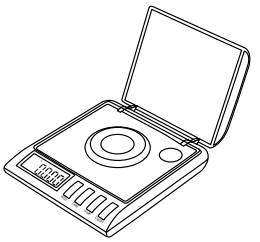
User Guide



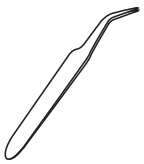
Two AAA Batteries



FUZION Digital Milligram Scale



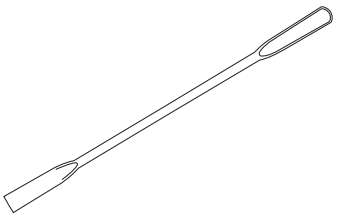
Tweezers



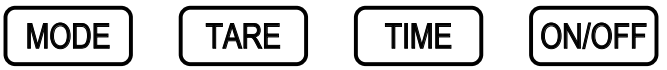
Weighing tray



Powder Scoop



## Key Descriptions




ON/OFF - Turns the scale ON or OFF.

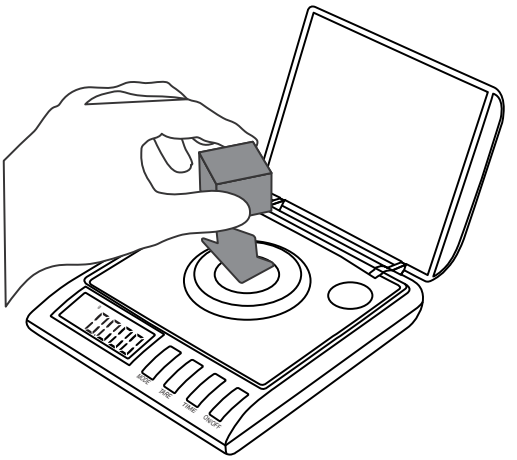
MODE - Changes the weighing unit.

TIME - Press and hold the button to set Auto-off time (180=180s/0=never).

TARE - Zero's the scale. Also subtracts the weight of an empty container (see Tare Function).

## Weighing Your First Item

1. Press the ON/OFF key to turn the scale on.
2. Place the item on the center of the weighing platform.
3. Take your reading from the display. You can press the MODE key to convert between weighing units.



4. The scale's auto-off function will turn the scale off after 3 minutes of inactivity or you can press the ON/OFF key to turn the scale off.

## Things to Avoid



**Unlevel Surfaces**



**Radio Frequency Interference**



**High Humidity**



**Air Currents**



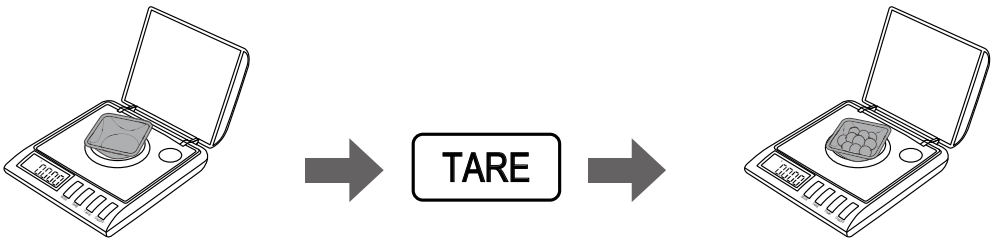
**Vibration**



**Extreme Temps**

## Tare Function

The Tare function allows you to subtract the weight of a container so that the display only shows the weight of the contents.




Place an empty tray or container on the platform.

Press the TARE key to subtract the container's weight.

Add items to the container to see their weight on the display.

**NOTE: The weight of the container will subtract from the available capacity and will leave a negative value on the display once the weight is removed. Press TARE again to return the display to zero.**

## Auto-Off

1. Turn on the scale.
2. Press and hold TIME button, "0"/60"/120"/ 180" will be displayed repeatedly.
3. Release TIME button when the display shows the time you want.(If "0"is selected, the auto-off function will be disable.)
4. The display will show "PASS", then turn off automatically.

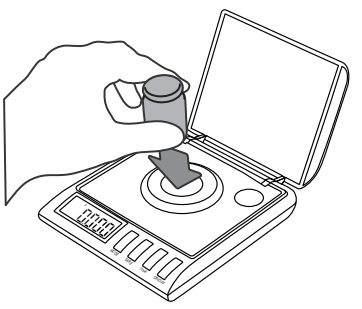
## Accuracy

Your scale comes calibrated from the factory and most users wont need to calibrate their scale for a long time. You should check your scale's accuracy periodically using calibration weights and perform calibration if necessary. NOTE: Only use trusted calibration weights.

### Calibration

⚠ **Calibration is permanent and should only be performed using accurate calibration weights that match the requirements for your scale. Do not use coins or other household items to calibrate.**

1. Prepare the required weight for your scale. (see chart on back)
2. Find a flat and level surface to perform calibrati on and let the scale adjust to room temperature.
3. Press [ON/OFF] to turn the scale on and wait for the scale to stabilize.
4. Make sure nothing is on the platform then press and hold [MODE] the display will show "CAL" first, then flash "20.00".
5. Place one 20g calibration weight on the center of the platform.
6. The display will show "40.00", then place another 20g weight calibration to the center of the platform.
7. The screen will show "pass" then return to normal weighing mode. You may now turn the scale off or continue weighing.



# Specifications

| | KD-50 | KD-20 |
|---|---|---|
| **Max Capacity** | 50.000g / 1.7637oz / 1.6075ozt / 32.150dwt / 250.00ct / 771.62gn | 20g / 0.7054oz / 0.6430ozt / 12.860dwt / 100.00ct / 308.64gn |
| **Readability** | 0.001 g / 0.0001 oz / 0.0001 ozt / 0.001 dwt / 0.005ct / 0.02 gn | 0.001 g / 0.0001 oz / 0.0001 ozt / 0.001 dwt / 0.01ct / 0.02 gn |
| **Weighing Units** | g, oz, ozt, dwt, ct, gn | |
| **Dimensions** | Overall: 3.89inx3.50inx1.22in(LxWxH)<br>Platform: 1.65inX1.65in(LxW)<br>Display: 1.41inx0.62in(LxW) | |
| **Calibration Weight** | 20g X 2 | 20g |
| **Power** | 2 x AAA Batteries | |
| **Warranty** | 2 Year Limited Warranty | |