User Manual:

Thank you for purchasing the DS-750 Digital Scale. Please read all operating instructions carefully before use. The digital 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 can permanently damage it!

Avoid any exposure to extreme heat or cold. Your scale will work best at normal room temperature. Always allow the scale to acclimate to normal room temperature for at least 1 hour before use.

Give your scale significant time to warm up. Usually 30 seconds will give the internal components a chance to stabilize before calibration.

Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and a close distance to other electronic equipment can 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:

1. Place scale on a horizontal flat surface, press [ON/OFF] key to turn on the scale.
   NOTE: Scale is shipped with a small piece of clear plastic between the battery and scale terminal. Remove before turning on for the first time.
2. Wait until "0.0" is displayed.
3. Put the object(s) on the weighing platform.
4. Using the [UNITS] key, you can switch between the weighing units.
5. Using the [LIGHT] key, you can turn on or off the backlight.

II. Tare Weighing (for use with weight/powder pan):

1. Place scale on a horizontal flat surface, press [ON/OFF] key to turn on the scale.
2. Wait until "0.0" is displayed
3. Now place the EMPTY weight pan on the scale. It should read about 100-120 grains
4. Press the [TARE] key to account for the weight of the powder pan. It should now read "0.0" with the pan on the scale.
5. Place object(s) into the pan and the scale will give the weight of the object(s) only.
6. The same procedure can be used for other "tare items" by substituting alternate "tare item" for the weight pan in step 4.

III. Counting Function:

1. Turn the scale on and wait until "0.0" is displayed.
2. Place a sample amount (25pcs, 50pcs, etc.) of the quantity you wish to weigh and count onto the platform.
3. Press and HOLD [PCS] key for 2 seconds; the LCD will display a random number, for example 100.

Frankford Arsenal® Reloading Tools

DS-750 Digital Scale Instructions

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Instruction #1006251

4. Press [UNITS] key to select the sample amount of the item that you have put onto the platform.
5. Press [PCS] key to confirm the above information, the LCD will now display "pcs" in the corner to show that the scale is in counting mode.
6. Remove the sample quantity from the platform.
7. You now can place any amount of your item(s) on the scale and the LCD will display a count.
8. You can switch between weighing mode and counting mode by pressing [UNITS] or [PCS] key respectively.

IV. Calibration:

1. Reset the scale by pressing [ON/OFF] key.
2. Wait until the LCD displays "0.0" and then press and HOLD [UNITS] key for 3 seconds, the LCD will display "CAL", and then release the [UNITS] key.
3. Press [UNITS] key again, the LCD will display "CAL" followed by the required calibration weight.
4. Add the required calibration weight, the display will show "PASS" and return to normal weighing mode.
5. Put away the calibration weight and press [ON/OFF] to turn off the scale and the calibration is finished.
   NOTE: If unit does not function when turned on, does not hold zero, or displays readings that drift significantly, try replacing the batteries as these conditions are all potential problems resulting from a low voltage battery.

V. Specification:

Calibration:	Auto calibration
Tare Range:	Tare full capacity
Auto Off:	120 seconds off
Operating Temp:	50-86 degrees Fahrenheit
Power:	2 x AAA batteries
Max Capacity:	**50 grams (750 grains)**

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4. Press the [TARE] key to account for the weight of the powder pan. It should now read "0.0" with the pan on the scale.
5. Place object(s) into the pan and the scale will give the weight of the object(s) only.
6. The same procedure can be used for other "tare items" by substituting alternate "tare item" for the weight pan in step 4.

III. Counting Function:

1. Turn the scale on and wait until "0.0" is displayed.
2. Place a sample amount (25pcs, 50pcs, etc.) of the quantity you wish to weigh and count onto the platform.
3. Press and HOLD [PCS] key for 2 seconds; the LCD will display a random number, for example 100.

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V. Specification:

Calibration:	Auto calibration
Tare Range:	Tare full capacity
Auto Off:	120 seconds off
Operating Temp:	50-86 degrees Fahrenheit
Power:	2 x AAA batteries
Max Capacity:	**50 grams (750 grains)**

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4. Using the [UNITS] key, you can switch between the weighing units.
5. Using the [LIGHT] key, you can turn on or off the backlight.

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1. Place scale on a horizontal flat surface, press [ON/OFF] key to turn on the scale.
2. Wait until "0.0" is displayed
3. Now place the EMPTY weight pan on the scale. It should read about 100-120 grains
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5. Place object(s) into the pan and the scale will give the weight of the object(s) only.
6. The same procedure can be used for other "tare items" by substituting alternate "tare item" for the weight pan in step 4.

III. Counting Function:

1. Turn the scale on and wait until "0.0" is displayed.
2. Place a sample amount (25pcs, 50pcs, etc.) of the quantity you wish to weigh and count onto the platform.
3. Press and HOLD [PCS] key for 2 seconds; the LCD will display a random number, for example 100.

4. Press [UNITS] key to select the sample amount of the item that you have put onto the platform.
5. Press [PCS] key to confirm the above information, the LCD will now display "pcs" in the corner to show that the scale is in counting mode.
6. Remove the sample quantity from the platform.
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8. You can switch between weighing mode and counting mode by pressing [UNITS] or [PCS] key respectively.

IV. Calibration:

1. Reset the scale by pressing [ON/OFF] key.
2. Wait until the LCD displays "0.0" and then press and HOLD [UNITS] key for 3 seconds, the LCD will display "CAL", and then release the [UNITS] key.
3. Press [UNITS] key again, the LCD will display "CAL" followed by the required calibration weight.
4. Add the required calibration weight, the display will show "PASS" and return to normal weighing mode.
5. Put away the calibration weight and press [ON/OFF] to turn off the scale and the calibration is finished.
   NOTE: If unit does not function when turned on, does not hold zero, or displays readings that drift significantly, try replacing the batteries as these conditions are all potential problems resulting from a low voltage battery.

V. Specification:

Calibration:	Auto calibration
Tare Range:	Tare full capacity
Auto Off:	120 seconds off
Operating Temp:	50-86 degrees Fahrenheit
Power:	2 x AAA batteries
Max Capacity:	50 grams (750 grains)

User Manual:

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4. Using the [UNITS] key, you can switch between the weighing units.
5. Using the [LIGHT] key, you can turn on or off the backlight.

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5. Place object(s) into the pan and the scale will give the weight of the object(s) only.
6. The same procedure can be used for other "tare items" by substituting alternate "tare item" for the weight pan in step 4.

III. Counting Function:

1. Turn the scale on and wait until "0.0" is displayed.
2. Place a sample amount (25pcs, 50pcs, etc.) of the quantity you wish to weigh and count onto the platform.
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4. Press [UNITS] key to select the sample amount of the item that you have put onto the platform.
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Tare Range:	Tare full capacity
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Operating Temp:	50-86 degrees Fahrenheit
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Max Capacity:	**50 grams (750 grains)**

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