

Applicable Asset Models

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|-----------|------------|------------|
| ✓ EK-120i | ✓ EK-1200i | ✓ EK-12Ki |
| ✓ EK-200i | ✓ EK-2000i | ✓ EW-150i |
| ✓ EK-300i | ✓ EK-3000i | ✓ EW-1500i |
| ✓ EK-600i | ✓ EK-6000i | ✓ EW-12Ki |

Package Contents

- ✓ Element-D
- ✓ Power Supply
- ✓ Connection Cable

Note: You may receive multiple types of cables if you are connecting Element-D's to different types of assets.

Safety Information



Review and abide by the safety information found in the Element-D and AND EK-i and EW-i Series Balance user manuals. Tidy connection cable to prevent tripping hazards.

Installation Instructions

Receiving the Shipment

1. If this is your first time setting up the Elemental Machines system, you will receive an email for your dashboard account verification. Save this email for when the devices arrive.
2. When devices are shipped, they will be added to your Elemental Insights Dashboard™ with default names. When you first log in you will see all your devices with a 'disconnected' status.
3. When devices arrive, carefully remove the contents from the packaging. If any of the contents look damaged, please send a picture to help@elementalmachines.com.
4. Confirm the Element-D's in your package are labeled with the assets to which they are to connect. If the labels do not match the intended assets for connection, please contact help@elementalmachines.com.

Element-D Initial Power-up

5. Plug the Element-D in using the provided power supply.
6. Complete Wi-Fi Connection following instructions in the provided 771-00010 Wi-Fi Connection Guide - Gateway GW2/3, Element-C/D.
 - a. 771-00010 is included with your Element-D as a printed copy. Digital versions of this are available in the Support section of the Elemental Insights Dashboard™.

Attaching Connection Cable to Asset

7. Locate the data port on the balance (**RS232 C terminal** shown in Figure 1) to which the Element-D will connect.



Figure 1 Data port on asset

8. Plug the RS232 end of the Connection Cable (Figure 2) into the data port on the balance.



Figure 2 Connector cable RS232 end (left) and USB end (right)

Configuring Asset Menus

9. While balance is off, press and hold the **RE-ZERO** button and press the **ON:OFF** while still holding the **RE-ZERO** button.



10. The screen will read **Func.** Press **PRINT** and the screen will read **PoFF** followed by a number.



11. Press **SAMPLE** multiple times until the screen reads **bPS followed by a number**.



12. Use the **RE-ZERO** button until the screen displays **bPS 2**.
13. Press **SAMPLE** until the screen displays **btPr** followed by a number.
14. Use the **RE-ZERO** button until the screen displays **btPr 2**.
15. Press **PRINT** to store the parameters.
16. Press the **ON:OFF** button to return to the weighing display.

Attaching Connection Cable to Element

17. Plug the other end of the Connection Cable into the data port on the Element-D (Show in Figure 3). Use any of the four USB ports on the Element-D.

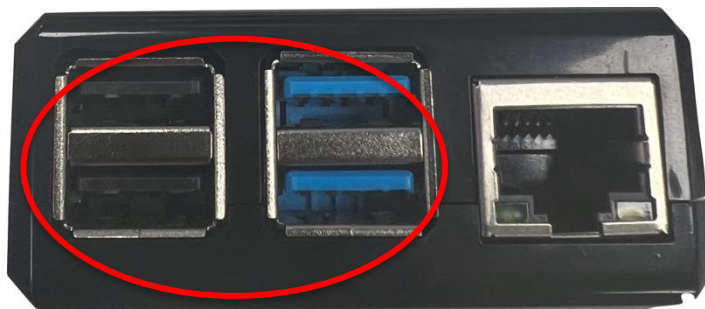


Figure 3 Data ports on Element-D

Positioning the Element-D

18. Determine where the Element-D should be placed to allow for power access and a tidy connection cable.
19. Securely position the Element-D in the chosen location. The Element-D has magnets which make it easily mountable to magnetic surfaces.
 - a. Note: If applicable, an adhesive metal mounting plate available from EM may be used.

Finalization

20. To send a weight measurement to the Elemental Insights Dashboard, press **PRINT**.



21. Confirm that the value appears on the dashboard. (The dashboard may only display two digits after the decimal point. However, transfer to any third party platforms will include the full value.).
22. If the dashboard does not display any value, check cable connection and menu settings. Contact help@elementalmachines.com if problem persists.
23. Contact any third-party vendor for next steps regarding communication to the external platform (if applicable).