

Applicable Asset Models

- ✓ SHKE8000
- ✓ SHKE8000-1CE
- ✓ SHKE8000-7
- ✓ SHKE8000-8CE

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 Thermo Scientific MaxQ 8000 Shaking Incubator user manuals. Ensure compliance with your company safety best practices, which may include de-energizing equipment before working with electrical connections. 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.
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. Move the Element-D for the asset into a dashboard group on the Elemental Insights™ Dashboard. The device status on the dashboard will be listed as 'disconnected'.
6. Plug the Element-D in using the provided power supply.
7. If the device has not been preloaded with your company's Wi-Fi, complete Wi-Fi Connection outlined in 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

8. Power down the MaxQ 8000 and remove the front kick plate (shown in Figure 1)

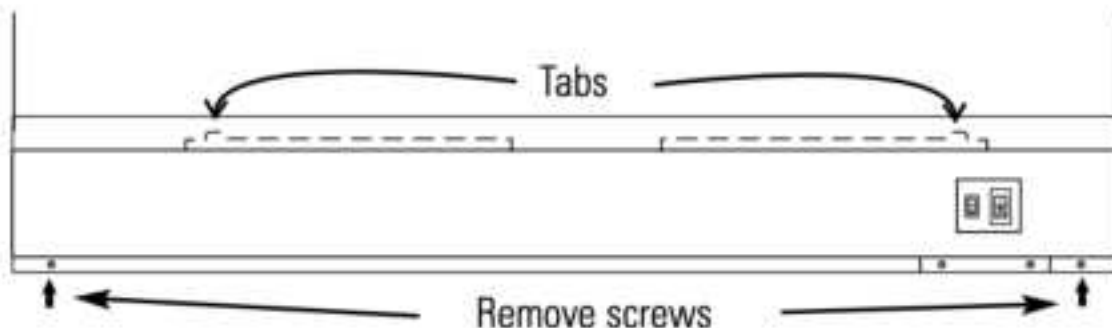


Figure 1 Front kick plate on the shaking incubator

9. Locate the RS-232 data port on the asset (shown in Figure 2) to which the Element-D will connect. The interface is located on the lower front left corner of the cabinet behind the kick plate.

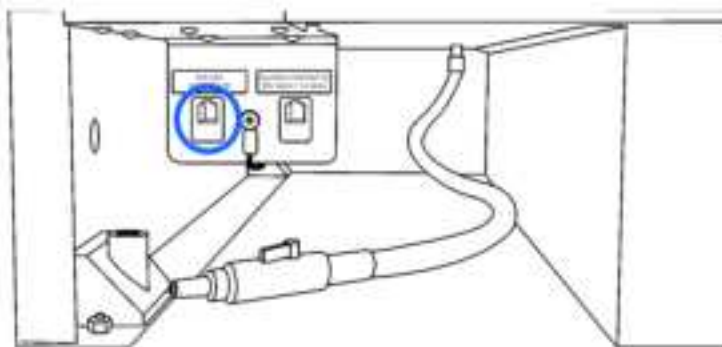


Figure 2 Data port on MaxQ 8000

10. Plug the RS-232 end of the Connection Cable into the data port on the asset.
11. Route the cable through a cable pass point on the kick plate to avoid a pinched cable. Re-install the kick plate.

Attaching Connection Cable to Element

12. Turn on the MaxQ 8000.
13. Plug the USB of the Connection Cable into the data port on the Element-D. The USB connector may be plugged into any USB port on the Element-D shown in Figure 3.

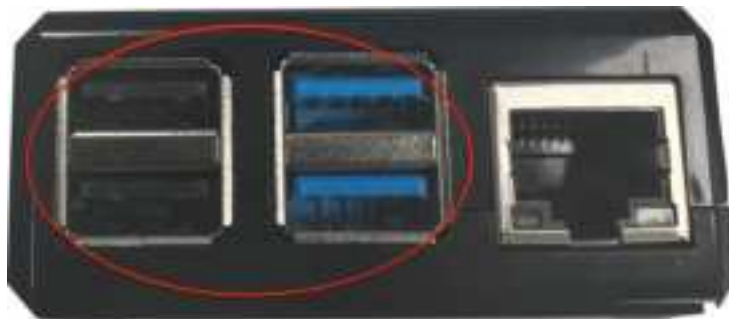


Figure 3 Data ports on Element-D

Positioning the Element-D

14. Determine where the Element-D should be placed to allow for power access and a tidy connection cable.
15. 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

16. Check the Elemental Insights™ Dashboard to confirm that data values are populating.
17. If the dashboard does not display any value, check cable connection and power cycle the Element-D. Contact help@elementalmachines.com if problem persists.
18. Set up alert rules on the Elemental Insights™ Dashboard for the Element-D. Guidance on how to do so is available in the Support section of the dashboard.
19. Contact any third-party vendor for next steps regarding communication to the external platform (if applicable).