
LabQuest[®] Charge Station

(Order Code LQ2-CRG)

The LabQuest Charge Station is used to charge the LabQuest 2 and LabQuest Stream interfaces. It can also be used to charge the original LabQuest (requires LabQuest Charging Inserts, order code LQ-CRG-INS, not included). The charging station contains four charging slots.



What is Included

- LabQuest Charge Station with AC power adapter
- 4 LabQuest 2 and LabQuest Stream Charging Station Inserts (installed in unit)

Using the Product

Using the Charge Station with LabQuest 2 or LabQuest Stream

Perform the following steps to charge your interface in the charge station.

1. Plug the LabQuest Charge Station power adapter into an outlet.
2. If an interface is being powered by its individual AC adapter, unplug the adapter from that interface.
3. Carefully insert the interfaces into the slots. Make sure the correct inserts are in the LabQuest Charge Station for the type of LabQuest interface you are charging. Do not force the interface into place as this may damage the pins on either device. The units slide in smoothly and easily.
4. The yellow LED for each slot indicates that the unit is drawing current. The LED will turn off at the end of the charging cycle. (**Note:** If the LabQuest 2 or original LabQuest is powered on while in the charging slot, the LED will not go off.)
5. Charging times will vary and depend upon the state of the battery.
6. It is OK to remove the LabQuest from the charger while the LED is still on.

Using the Charge Station with the Original LabQuest

To use the Charge Station with an original LabQuest, you will need to replace the installed charging inserts with the LabQuest Charging Station Inserts (order code LQ-CRG-INST, sold separately). These inserts are designed to work with the original LabQuest. See the Charging Station Insert documentation for instructions on replacing the inserts.

Precautions and Operational Tips

- You can charge the LabQuest for any amount of time, even for a few minutes between classes.
- Under certain conditions (very low battery), the interface may turn itself on when inserted into the slot. Turn the LabQuest off as soon as it is finished starting up to ensure the fastest possible charging time.
- Periodically inspect the slots in the charger for debris. If debris is present, unplug the charging station and shake it upside down to clear out the charging slots. Also, inspect the docking connector on each LabQuest for debris. A soft brush can be used for stubborn debris removal. Do not use liquids to clean the contact surfaces.
- Never insert metal objects into the charging slots.
- The charge station is not water resistant and should not be exposed to a wet environment.
- Do not insert a wet interface into the charger.
- Never insert an interface into the charger with its individual AC adapter also plugged in.
- LabQuest interfaces can be stored in the charger with the Charge Station connected to AC.
- LabQuest batteries cannot be overcharged.
- Do not use the charging station without the charging station inserts installed as you may damage the connector on either device.

Troubleshooting

The yellow lamp does not come on or stay on.

- Verify that the charger is plugged into a live outlet.
- Verify that the interface seats completely into the compartment slot and that nothing is preventing it from fitting properly.
- Verify the LED lamp is working. Remove the interface from the charger and turn it on. After the interface powers up, put the unit back in the charging station and verify the charging station LED light comes on.
- Verify the interface will charge. Connect the LabQuest interface to its individual adapter. Power up the LabQuest. If the battery status indicator does not show a charging state, the battery may be defective.

The yellow lamp does not go out even after charging overnight.

- If the original LabQuest or LabQuest 2 is powered on while charging, the yellow LED will always be lit because the charger is supplying power for the unit to operate.
- Remove the LabQuest from the charger and power it up. If the battery shows an adequate charge, go ahead and use the LabQuest. However, you should monitor the unit to see if this continues to be a problem.
- If the LabQuest battery indicator shows that the battery is not charged, try charging it again. If it continues to not charge, the battery may be defective.

The LabQuest interface charges with its individual AC adapter but not with the charge station.

- There may be connector problems. Inspect the contacts on the charging slot and the interface. If necessary, clean the contacts with a soft brush or with air.
- Verify that the interface properly fits in the compartment slot and that nothing is preventing it from fitting correctly.

Repair Information

If you have followed the troubleshooting steps and are still having trouble with your LabQuest Charge Station, contact Vernier Technical Support at **support@vernier.com** or call 888-837-6437. Support specialists will work with you to determine if the unit needs to be sent in for repair. At that time, a Return Merchandise Authorization (RMA) number will be issued and instructions will be communicated on how to return the unit for repair.

Accessories/Replacements

Accessories

LabQuest Charging Station Inserts (pack of 4)

Order Code

LQ-CRG-INST

Replacement Parts

LabQuest 2 and LabQuest Stream Inserts (pack of 4)

LabQuest Charge Station Power Supply

Order Code

LQ2-CRG-INST

LQ2-CRG-PS

Disposal Instruction

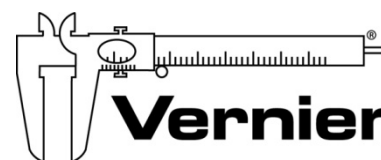
When disposing of this electronic product, do not treat it as household waste. Its disposal is subject to regulations that vary by country and region. This item should be given to an applicable collection point for the recycling of electrical and electronic equipment. By ensuring that this product is disposed of correctly, you help prevent potential negative consequences on human health or on the environment. The recycling of materials will help to conserve natural resources. For more detail information about recycling this product, contact your local city office or your disposal service.



The symbol, shown here, indicates that this product must not be disposed of in a standard waste container.

Warranty

Vernier warrants this product to be free from defects in materials and workmanship for a period of five years from the date of shipment to the customer. This warranty does not cover damage to the product caused by abuse or improper use.



Measure. Analyze. Learn.™

Vernier Software & Technology

13979 S.W. Millikan Way • Beaverton, OR 97005-2886

Toll Free (888) 837-6437 • (503) 277-2299 • FAX (503) 277-2440

info@vernier.com • www.vernier.com

Rev 10/12/18

Vernier LabQuest, LabQuest Stream, and other marks shown are our trademarks or registered trademarks in the United States.



Printed on recycled paper