

LabQuest[®] Charging Station

(Order Code LQ-CRG)

The LabQuest Charging Station is used to charge LabQuest interfaces. The charging station contains four charging slots. LEDs next to each slot indicate that the LabQuest is drawing current or charging.



What is Included with the LabQuest Charging Station?

(1) LabQuest Charging Station with power adapter

Operation

Perform the following steps to charge your LabQuest in the charging station.

Plug the LabQuest Charging Station power adapter into an outlet.

1. If the LabQuest is being powered by its individual AC adapter, unplug the LabQuest from that adapter.
2. Turn each LabQuest interface off before inserting into the station. This is required for the LED indicators to turn off when charging is finished. If the LabQuest is powered up while in the charging station, the battery will still charge, but the charging indicator will not show when charging is complete.
3. Carefully insert the LabQuests into the slots. Do not force them 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. If the LabQuest is not powered on, the LED will turn off at the end of the charging cycle. (**Note:** if the LabQuest is powered up while in the charging slot, the LED will not go off.)
5. Charging times will vary and depend upon the state of the battery. Charging will stop after 8 hours.
6. It is OK to remove the LabQuest from the charger while the LED is still on.

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 LabQuest may turn itself on when inserted into the slot. If this happens, turn the LabQuest off as soon as it is finished starting up.
- 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 charger station is not water resistant and should not be exposed to a wet environment.
- LabQuest, itself, is water resistant. Do not insert a wet LabQuest into the charger.
- The charging station charges the battery at exactly the same rate as the individual AC adapter.
- Never insert a LabQuest into the charger with its individual AC adapter also plugged in.
- LabQuest units can be stored in the charger with the charger connected to AC.
- LabQuest batteries cannot be overcharged.

Troubleshooting

The yellow lamp does not come on or stay on.

- Verify that the charger is plugged into a live outlet.
- The battery may already be fully charged. Remove the LabQuest from the charger. Press the LabQuest power button. After it powers up, verify that battery level is OK.
- The battery may be defective. Connect the LabQuest to its individual adapter. Power up the LabQuest. If the battery status indicator does not show a charging state, the battery may be defective.
- Verify that the LabQuest seats completely into the compartment slot and that nothing is preventing it from fitting properly.

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

- If the LabQuest is powered up 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 LabQuest battery indicator shows that the battery is not charged, try charging it again. If the battery continues to not charge, the battery may be defective.

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

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

Disposal Instruction

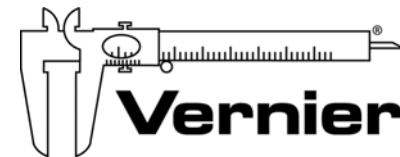
When disposing of this electronic product, do not treat it as household waste. Its disposal is subject to regulations that vary by country and region. This item should be given to an applicable collection point for the recycling of electrical and electronic equipment. By ensuring that this product is 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, your disposal service or the place where you purchased it.

The symbol, show 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.



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