SPARK LX Datalogger
PS-3601

What's Included?

- Ruggedized Case
- Screen
  9.6” (24 cm) diagonal
  1280 by 800p
- Front Camera Port
- Microphone
- Home Button
- USB Charger with Micro USB Cable
- Micro USB to USB A Extension Cable
- Rear Camera
- Volume Control
- ON/OFF Button
- Earphone Port
- Micro USB Charging Port

Included Items and Software

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800-772-8700 (US)
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support@pasco.com
SPARK LX Datalogger

Software updates are available from the PASCO App Store.

SPARK LX Datalogger

The SPARK LX is a datalogging device with a ruggedized cover. It blends PASCO wireless probeware with the PASCO data collection and analysis software programs SPARKvue, Spectrometry, and MatchGraph! plus PASCO’s classroom management solution: Lab Manager. It also supports connections to several PASCO Wireless Sensors.

See www.pasco.com/SPARKLX for more information.

Charging and Power Requirements:

The SPARK LX Datalogger is powered by a rechargeable lithium-ion battery.

- **Charging**: To charge the SPARK LX Datalogger, connect the USB charger to the Micro USB charging port on the left end of the datalogger using the Micro USB cable. Initial charging time may be three hours or longer depending on the power source and the condition of the battery.

- **Power and Status**: To turn the datalogger on, press and hold the ON/OFF button until graphics appear on the screen. After a few moments you will see the PASCO SPARK LX “Home Screen”. To turn the datalogger off, press and hold the ON/OFF button until the “Power Off” and “Restart” buttons appear and then select the desired option. Battery status for the datalogger is available in the notification area at the top of the screen, or from Settings->Device Management->Battery.

Setting Up the SPARK LX

Press the Help icon on the Home Screen and refer to the Onboard help system for help with the following topics:

- Configuring the Desktop
- Lab Manager Teacher
- PASCO Applications
- Datalogger’s Design and Default Settings
- Lab Manager Student
- SPARK LXi Interface

Recommended Items

- Any PASCO Wireless Sensor
- PASCO Spectrometer (PS-2600)
Setting Up WiFi for Use with PASCO Lab Manager

- All devices must be connected to the same wi-fi network.
- "Broadcast packets" must be enabled on the wi-fi network. This setting may need to be enabled by your network administrator. Refer to the Onboard help for network tuning.

Connecting Wireless Sensors to the Datalogger

Wireless Sensors connect to the datalogger through the PASCO Data Collection Software. For example, if SPARKvue is the software being used, press the SPARKvue icon on the Home Screen to start the program.

- Select the Bluetooth icon to see the Wireless Devices list. In the Wireless Devices list, the sensors are ordered by proximity to the datalogger.
- Select the correct address that matches the XXX-XXX number found on the sensor.
- Select Done. A list of measurements appears under the sensor in the Home Screen.

Collect Data

- In the SPARKvue Home Screen, select a measurement from the list under the sensor’s name. A graph of the measurement versus time opens.
- In SPARKvue, select the Start button to begin collecting data.
Technical Support

For assistance with any PASCO product, contact PASCO at:

| Address: | PASCO scientific  
| 10101 Foothills Blvd,  
| Roseville, CA 95747-7100 | Web: | www.pasco.com |
| Phone: | +1 916 462 8384 (worldwide)  
| 800-772-8700 (U.S.) | Email: | support@pasco.com |

The Quick Start Guide may be updated periodically. For the latest revision of this Quick Start Guide, visit the PASCO Web site at

[www.pasco.com/manuals](http://www.pasco.com/manuals)

and enter the product number, PS-3601, in the text window.

Limited Warranty
For a description of the product warranty, see the PASCO catalog. For more information visit www.pasco.com/legal.

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FCC Statement
This Class A digital device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE Statement
This device has been tested and found to comply with the essential requirements and other relevant provisions of the applicable EU Directives.

Product End of Life Disposal Instructions:
This electronic product is subject to disposal and recycling regulations that vary by country and region. It is your responsibility to recycle your electronic equipment per your local environmental laws and regulations to ensure that it will be recycled in a manner that protects human health and the environment. To find out where you can drop off your waste equipment for recycling, please contact your local waste recycle/disposal service, or the place where you purchased the product.

The European Union WEEE (Waste Electronic and Electrical Equipment) symbol (to the right) and on the product or its packaging indicates that this product must not be disposed of in a standard waste container.

Battery Disposal Instructions:
Batteries contain chemicals that, if released, may affect the environment and human health. Batteries should be collected separately for recycling, and recycled at a local hazardous material disposal location adhering to your country and local government regulations. To find out where you can drop off your waste battery for recycling, please contact your local waste disposal service, or the product representative. The Lithium Polymer (Li-Poly) rechargeable battery used in this product is marked with the international symbols to indicate the need for the separate collection and recycling of batteries.