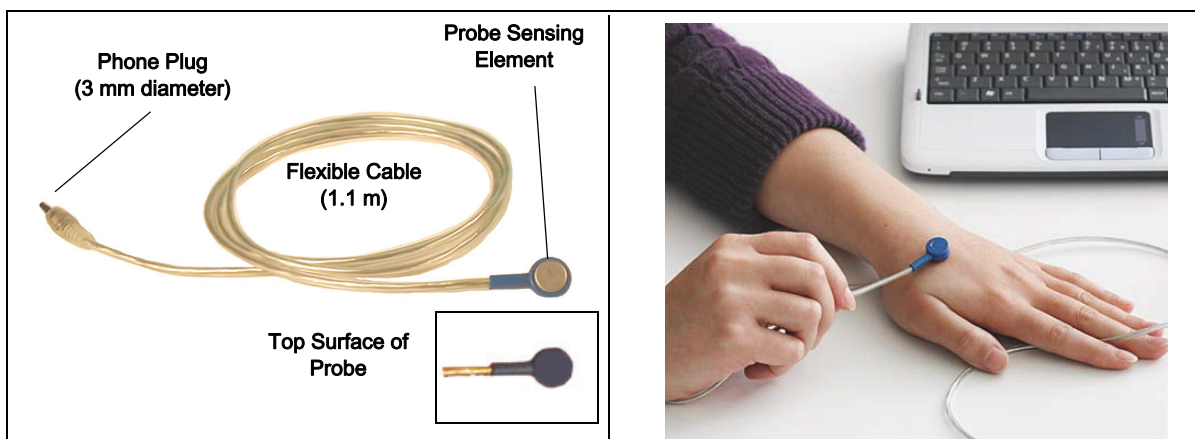


Skin/Surface Temperature Probe PS-2131

For Educational Use Only! Note: This is not a medical device. It is designed for educational use only and should not be used in any medical process such as life support or patient diagnosis. It is also not intended for use in graduate research or industry including industrial control or any type of industrial testing.



Equipment Included

Skin/Surface Temperature Probe

Product Number

PS-2131

Additional Equipment Required

PASCO Temperature Sensor (such as PS-2125)

See PASCO catalog or www.pasco.com

Additional Equipment Recommended

PASCO interface

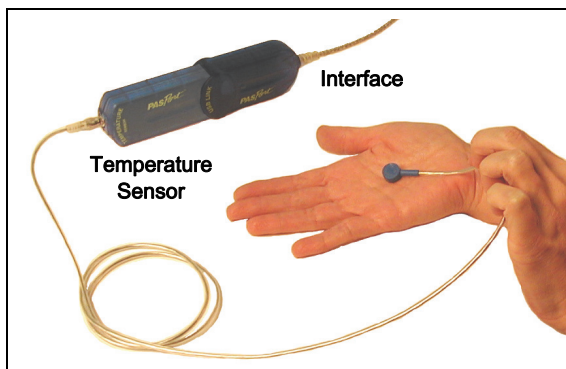
See PASCO catalog or www.pasco.com

PASCO Data Collection Software

See PASCO catalog or www.pasco.com

Introduction

The PASPORT Skin/Surface Temperature Probe measures temperature from -10°C to $+70^{\circ}\text{C}$. It plugs into a PASCO temperature sensor such as the PS-2125 PASPORT Temperature Sensor.



The probe can be placed on the surface of the skin or on an object. Typical applications are for experiments mapping skin temperature changes, and for studying surface versus core temperatures to heat, cold, and exercise.

Safety

To avoid damage to the probe, do not use the probe in an open flame, under water, on a hot plate, or beyond the recommended temperature range.

Setup Procedure

1. Insert the probe's stereo plug into the port on a compatible PASCO Temperature Sensor (such as the PS-2125).
2. Connect the Temperature Sensor to a PASCO Interface.
3. Connect the PASCO Interface to your computing device such as a computer, table, or smart phone.

4. Place the probe on the surface of the skin and hold it in place with your hand or medical tape.

Data Collection

- For information about collecting, displaying, and analyzing data, refer to the Online Help System for the PASCO Data Collection Software.

Start the Data Collection Software and click Record or press Start to begin collecting data.

Procedure Note

Calibration of the probe with a PASCO Temperature Sensor is generally not needed.

Specifications

The Skin/Surface Temperature Probe is an educational instrument. It is not designed, tested, or intended for medical use.

Range	-30°C to $+70^{\circ}\text{C}$
Accuracy	$\pm 0.5^{\circ}\text{C}$
Resolution	0.01°C

Technical Support

For assistance with any PASCO product, contact PASCO at:

Address: PASCO scientific
10101 Foothills Blvd.
Roseville, CA 95747-7100

Phone: +1 916 462 8384 (worldwide)
800-772-8700 (U.S)

Web: www.pasco.com

Email: support@pasco.com

Limited Warranty

PASCO scientific warrants the product to be free from defects in materials and workmanship for a period of one year from the date of shipment to the customer. PASCO will repair or replace, at its option, any part of the product, which is deemed to be defective in material or workmanship. The warranty does not cover damage to the product caused by abuse or improper use. Determination of whether a product failure is the result of a manufacturing defect or improper use by the customer shall be made solely by PASCO scientific. Responsibility for the return of equipment for warranty repair belongs to the customer. Equipment must be properly packed to prevent damage and shipped postage or freight prepaid. (Damaged caused by improper packing of the equipment for return shipment will not be covered by the warranty.) Shipping costs for returning the equipment after repair will be paid by PASCO scientific.

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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.