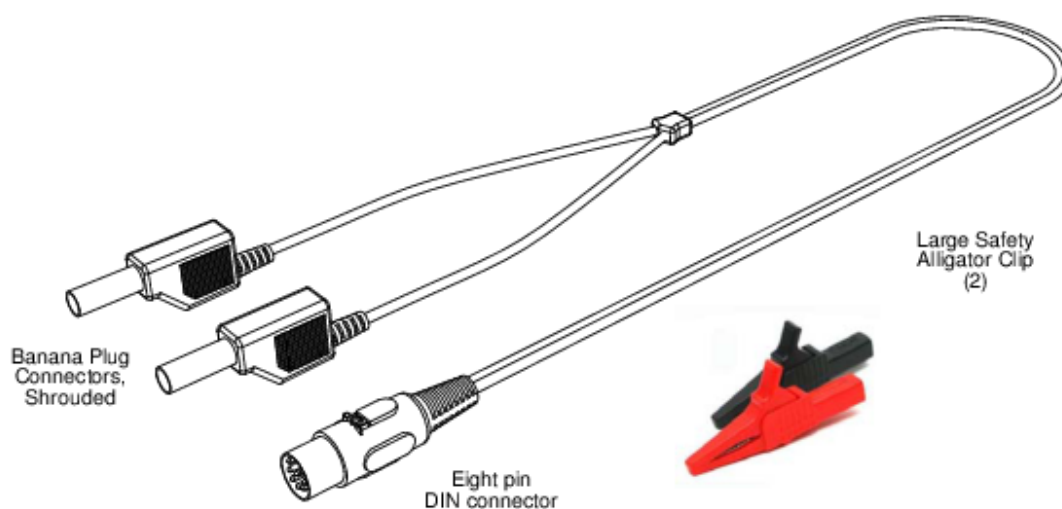


## Voltage Probe, Shrouded



Included Equipment	Part Number
Voltage Probe, Shrouded	UI-5110
Large Safety Alligator Clip (one red; one black)	
Recommended Items	Part Number
PASCO 850 Universal Interface	UI-5000
PASCO Capstone Software	UI-5400 or UI-5401*
Optional Item	Part Number
Extension Cable (eight pin DIN male-to-eight pin DIN female)	UI-5218

## Introduction

The UI-5110 Voltage Probe, Shrouded is designed to work with the PASCO 850 Universal Interface. The 1.2 meter (m) cable has an eight pin DIN plug at one end and two shrouded, stackable banana plugs at the other end. The cable comes with two safety alligator clips that work with shrouded or unshrouded banana plugs. Students can measure voltage using a Shrouded Voltage Probe and a compatible PASCO interface such as the 850 Universal Interface with PASCO data acquisition software such as PASCO Capstone. With a PASCO PS-2158 Analog Adapter\*, the Shrouded Voltage Probe could also be used with the SPARK Science Learning System\* or a data logger such as the Xplorer GLX .

## About the Shrouded Voltage Probe

The UI-5110 Shrouded Voltage Probe connects to an eight pin DIN jack such as the ANALOG INPUT ports on the 850 Universal Interface. The probe has a built in automatic identification (“auto ID”) chip. When connected to the 850 Universal Interface, the PASCO Capstone software automatically determines that the probe has been plugged in.

Note that the small indent on one side of the metal part of the DIN plug should face up when the probe is plugged into the interface. The Shrouded Voltage Probe measures direct current (DC) or alternating current (AC).



**WARNING:** The Shrouded Voltage Probe is *not* designed to measure line voltage. Do not connect *any* PASCO probe or sensor into a wall socket. Line voltage such as 100 to 240 volts will damage the probe and the interface.



The UI-5218 Extension Cable is 1.8 meters long with an eight pin male DIN plug at one end and an eight pin female DIN plug at the other end. Use one to extend the distance that the Shrouded Voltage Probe can reach.

## Probe Setup

1. Connect the Shrouded Voltage Probe to a compatible PASCO interface.
2. If you will be using a computer, connect the interface to the computer's USB port.

For information on setting up the data acquisition software and recording data, refer to the User's Guide for the interface and software.

## 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.

