



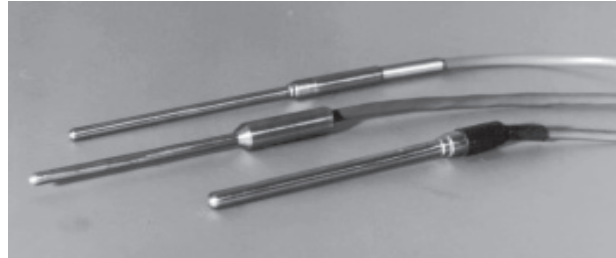
Temperature Probe Models 4410-W and 4510

PRODUCT DESCRIPTION

The Model 4510 Temperature Probe is a 1000 ohm Platinum RTD housed and sealed into a stainless steel tube. It is a low cost, temperature-only probe designed to interface with an AWOS and to provide high accuracy temperature measurements. This RTD follows a standard 0.00385 ohms/ohm/°C TCR curve. The RTD element is housed in a 5" stainless steel tube. The tube is hermetically sealed and filled with thermal compound to provide excellent thermal conductivity and a low thermal time constant. The two wire probe comes with ten feet of cable. Adapter fittings for a Solar Radiation Shield or Motor Aspirated Radiation Shield are available.

The Model 4410-W is a modified version of the Model 4510 designed specifically for measuring water and soil temperature.

Both probes are designed to interface to the AWOS temperature input, and can be used when only temperature (rather than temperature **and** humidity) is required.



SPECIFICATIONS

Sensing Range.....	-50°C (-58°F) to +70°C (158°F)
Accuracy	+/- 0.2°C (0.4°F)
	(-20°C (-4°F) to +70°C (158°F)
	+/- 0.3°C (0.6°F)
	(-40°C (-40°F) to -21°C (-5°F))
Resolution	0.1°C (0.2°F)