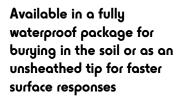


Temperature Probes



For soil, water or surface temperatures

Utilises a precision 10k thermistor





Also available in a micro version for very fast measurements



Low cost

Skye Instruments offer a variety of temperature probes for many different applications, including indoor and outdoor air temperature, soil and ground temperature, water temperature, small area or surface temperatures etc.

This datasheet describes the three temperature probes which utilise a 10kohm precision, curve matched thermistor element. (Other elements are also available, such as PT100 or PRT, thermocouples, current sourcing sensors etc.)

The SKTS 200 probe houses the thermistor in a robust and fully submersible tip. This is ideal for inserting into the soil for measuring

ground temperatures, or for long term monitoring of water temperatures.

In the SKTS 200U 'unsheathed' probe, the thermistor has a thin, weatherproof PVC coating for a fast response to temperature. The tip size is greatly reduced and is ideal for small area or surface measurements. This probe is not submersible.

A micro version of the unsheathed probe is also available with an extremely small tip size and very fast response. The SKTS 200U/M probe is ideal for leaf temperature measurements, insect studies etc. This probe has very fine 40 A.W.G. leads which must be supported independently when installed.

All temperature probes can be supplied wire ended for user's own dataloggers or systems, or with waterproof connectors for use with Skye's dataloggers and meters.

Skye DataHog and MiniMet dataloggers and the HydroSense meter are ready programmed with the 10kohm thermistor curve so that they will read out in Degrees C directly from these 3 probes.





Left to right, SKTS 200, SKTS 200U, SKTS 200U/M

