

PASPORT SURFACE TEMPERATURE PROBE

This guide covers the major features of this product - it does not cover all of the available functions. This guide is not intended to replace the original equipment manual. Please refer to the manual for more detailed operating instructions and safety information.

EQUIPMENT DESCRIPTION

The PASPort Surface Temperature Probe [1] measures temperature between -10°C and $+70^{\circ}\text{C}$ and works in conjunction with the Xplorer GLX. These sensors are designed for reading surface temperature.

Temperature can be measured in:

- Celsius ($^{\circ}\text{C}$)
- Fahrenheit ($^{\circ}\text{F}$)
 - Fahrenheit = [Celsius x 1.8] + 32
- Kelvin (K)
 - Kelvin = Celsius + 273.15

This manual covers the functions and range of the sensor. For use of the Xplorer GLX, please view the associated manual.



Figure 1: PASPort Surface Temperature Probe

EQUIPMENT OPERATION

1. Connect the sensor to one of the two available temperature ports on the side of the Xplorer GLX [2], or use temperature array [3].
2. Place the probe on the surface to be measured, and hold in place using tape. Ensure that the correct side of the probe is on the surface being measured [4].



Figure 2: Ports on Side of GLX. Temperature ports are the two leftmost ports.



Figure 3: Individual temperature probes connected to input ports on the Temperature Array.



Figure 4: Temperature measuring side of the probe. The other side does not measure temperature