

PASPORT FAST RESPONSE 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 Fast Response Temperature Probe [1] measures temperature between -10°C and +70°C and works in conjunction with the Xplorer GLX. These sensors can be used for measuring gas and liquid temperature (including mild chemical solutions). While the manual indicates that these fast response temperature probes can be used for surface temperature measurements, we do not recommend it. Instead use the PASPort Skin/Surface Temperature Sensors.

Temperature can be measured in:

- Celsius (°C)
- Fahrenheit (°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 Fast Response 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 the temperature array [3].
2. Place the sensor in the gas or liquid to be measured. Ensure that the sensor tip is not in contact with anything other than the gas or liquid to be measured.



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



Figure 4: Individual temperature probes connected to input ports on the Temperature Array.