

CO sensor, heat stroke and Alarm mechanism by Vallfirest

<p>Picture</p>	
<p>Brief Description</p>	<p>Sensors are integrated into the first responder’s jacket, measuring Carbon monoxide poisoning and heat stroke. Also, the device is an Alarm mechanism.</p>
<p>Main Functionality</p>	<p>Monitors the accumulated CO exposition and the vital signs for heatstroke. In both cases alerts the first responder in case of critical conditions</p>
<p>Main Capabilities</p>	<p>Measurement of the COhb (Carboxyhaemoglobin – CO in blood). Also, body temperature, relative humidity and heart rate calculate the risk of suffering a heat stroke. The third capability is to alert the first responder while sending this risk alert to Datalogger.</p>
<p>Use Case (s)</p>	<p>Usable for all first responders. Principally firefighters. It can be used in different scenarios because of the Alarm mechanism. CO and heat stroke are designed to operate in outdoors.</p>

