
HSM FIRMWARE - 2.04 Release Notes – 24th of August 2011

The Calor Heat Stress monitor firmware has introduced the following changes.

Alteration

This version limits the displayed value of TWL (ACP) to 115 to reflect the behaviour of the Point-Health web page. The HSM_Tool has been updated to version 1.2 to compliment this.

RELEASE HISTORY:

HSM FIRMWARE - 2.03 Released – 9th of August 2011

The Calor Heat Stress monitor firmware has introduced the following changes.

Additions

New error messages when values received from the sensors are out of range or beyond the TWL calculation range. For example, if the wind speed is above 10 m/s then it will be displayed as >10m/s and any resulting values such as TWL will now display "OUT OF RANGE" or "INVALID".

If the wind speed measurement was too unstable during the Environmental Analysis period then the result is displayed as INVALID. This will then result in TWL, Sweat Rate and ACP also shown as INVALID.

Manual

This release is accompanied with an updated manual which contains additional information to cover the new error messages.

HSM FIRMWARE - 2.02 Released – 21st of July 2011

Environment Analysis mode will no longer turn itself off and instead will go into sleep mode after 10 minutes and can be woken by a key press. After 2 hours of sleep mode the unit will power off.

Minor bug fix relating to the display of temperatures above 100 degrees Fahrenheit.

The addition to the main menu of the Heat Strain Model – configuration menu.

HSM FIRMWARE - 2.01 Released - 19th of May 2011

Minor bug fix to remove intermittent erroneous reporting of Dry Bulb value. Value would momentarily show a result of 5 degrees when viewing the "Real-Time Display mode.

HSM FIRMWARE - 2.0 Released - 15th of May 2010

Updated Thermal Work Limit (TWL) algorithm

The TWL algorithm is continually being updated to accommodate a wider variety of environments and geographical locations. This update contains the most recent algorithm.

User Interface – Menus

To make things simpler many of the menus have been restructured to improve navigation through the large variety of functions that the HSM can perform.

- Simplified access data collection functionality.
- Simpler and more flexible results output, heat strain model can be recalculated with the need for repeated data collections.
- Simpler and more intuitive Datalog review functions and navigation.

Manual

This release is accompanied with a new manual which contains considerable information to assist you in operating the HSM and understanding the results.