

Crowcon Technical Note

Document Reference: Gas-Pro015
Document applies to: Gas-Pro units with firmware version 1V25 or above
Release Date: 24th August 2020
Subject: Gas-Pro Functionality Update (TWA Resume)



The new Gas-Pro Main PCB firmware (version **1V25**) will include the following additional functionality...

TWA Resume*

The “TWA Resume” function allows TWA, STEL and peak readings to be retained after Gas-Pro has been switched off for a period. (*for example, while an operator travels to a new location*).

This prevents recent toxic gas exposure history from being lost, and the associated risk of the operator exceeding safe exposure levels.

- **If Gas-Pro is switched off for less than 15 minutes** and the TWA Resume function is selected, Gas-Pro will retain the STEL, TWA and peak gas values when powered back on.
- **If Gas-Pro is switched off for more than 15 minutes but less than 8hrs**, and the TWA Resume function is selected, Gas-Pro will retain the TWA and peak gas values when powered back on but the STEL values will be cleared.
- **If Gas-Pro is switched off for more than 8hrs** the TWA Resume function will not be available in the start-up sequence and Gas-Pro will clear the TWA, STEL and peak gas values when powered back on.

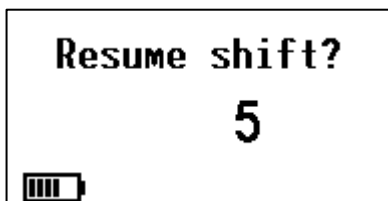
(continued...)



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TWA Resume (...continued)

If Gas-Pro is switched on within 8 hours of being switched off, the screen shown below will be displayed for 10 seconds allowing the user to 'resume' if required, by pressing the operator button once during the countdown.



If a Gas-Pro is now being used by a new operator and the "TWA Resume" function is not required, **do not click the operator button**, and simply allow the countdown to expire. This will reset the STEL, TWA and peak values back to zero.

(* Patent pending - UK Patent Application Number 1501699.1)

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