Flashing Symbols on a Novatech Analyser

Question: "Sometimes I see a symbol (*) and (+) on the LCD of the O_2 analyser, what does it mean?"

Four symbols periodically flash on the right hand side of the display during normal operation, each indicates that a specific function is currently being performed by the analyser.

+ = Checking for timed events (30-second interval). Purge and calibration sequences, updates run-time, checks that the BBRAM is okay, reads the ambient RH, updates the O_2 value of the reference air with respect to the RH value.

* = The heartbeat means the software is running correctly (1.5-second interval).

= Auto-calibration of the analyser's electronics with respect to the four reference voltages (60-second interval).

Z = Sensor Impedance Check (24-hour interval when the impedance is normal, at 11:30pm; 60-second interval when the impedance is high).