

# Technical Bulletin

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## OdaLog Type I & II, Gas Response Time

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### Firmware Ver 2.3

This update has been instigated by a problem that has been highlighted in the current OdaLog firmware Ver 2.2.

Initial findings as a result of the performance testing being conducted by SIMTARS on the OdaLog, have indicated that the gas response time does not meet the Australian Standards requirements for gas safety equipment.

OdaLog firmware Ver 2.2 was written for instruments that log gas levels in the wastewater industry. Therefore focus was given to high levels of stability and accuracy. To achieve this an internal digital filter was implemented.

Firmware Ver 2.3 has had the digital filter re-written to allow the sensor response times to fall within the Australian Standards requirements while still retaining stability and accuracy, thus allowing the instrument to be used as a personal safety device.

This alteration to the digital filter will not affect the OdaLog Type I instrument in any way and the high levels of stability and accuracy will be retained.

OdaLog Type II instruments will have the new digital filter activated from the factory.