CROWCON Gas Detection You Can Trust	Technical Note	23 March 2011
	Portable instrument zero stability *GEN023*	

Product: Portable Instruments Tetra, Tetra 3 and Gasman
Subject: Zero stability

Generally zero stability will be within +/-2% of full scale. For example a CH4 channel with 100%LEL scale may read up to 2%LEL in fresh air, which can be zeroed as normal.

Additionally experience has shown that a new CO sensor can have an initial higher zero drift due to the sensor having a larger range than most other sensors and may require a longer settling time. This is normally no longer than a week and once initially settled and zeroed, this higher drift will no longer be evident once the sensor has settled.

O2 sensors may also exhibit a larger drift from 20.9%volume if the unit is not regularly zeroed as the sensors output is constantly decaying even when not used, the decay is very slow but if left for a month or more the reading may be lower than expected and will require zeroing in fresh air either with the keypad or PortablesPC.

For further information contact customersupport@crowcon.com

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