

## DE-OX® SAFE CARBON MONOXIDE ANALYZER

### Quick reference guide:



### Warning

**Please refer to the complete manual in electronic format before operating the instrument. This guide is just a quick support. Misuse of this instrument may lead to death.**

For switching on the instrument, keep pressed the ON/OFF key for few seconds.

For analyzing connect the sensor to the gas source at 0,5-1 lit/min and 1 bar.

Pressing the CALIB key it is displayed the ambient temperature.

Pressing the PROG key you will go to the programming pages (Pr): Alarm1, Alarm2, Full scale value, Conversion value, Gain factor, Carbon monoxide calibration value.

Alarm 1 (AL1) sets the lower alarm. At 300.0 the alarm is off.

Alarm 2 (AL2) sets the higher alarm. At 300.0 the alarm is off.

Full scale value (FSC) sets the span of the instrument for the 4-20 mA output, if available.

Conversion value (nA) is a value to be set only when a new sensor is replaced.

Gain factor (Fct) is a value to be set only when a new sensor is replaced.

Carbon monoxide calibration is the span set value of sample gas to be delivered to the instrument during the calibration procedure.

For changing the value into any programming page press PROG^ key.

For going to the next value press CALIB< key.

For saving the value and going to the next program page press ON/OFF key. At the end of the programming pages is displayed End.

For switching off the instrument keep pressed the ON/OFF key for few seconds.

For calibrating the sensor at the Carbon monoxide span value, connect the sensor to the calibration gas for 2-3 minutes and wait until the reading is stable. Then press at the same time for few seconds ON/OFF and the <CALIB keys.

For calibrating the zero, flow pure nitrogen (zero ppm CO certified sample gas) on the sensor for at least 1 minute or when the value reading is stable. Then press at the same time ON/OFF and PROG keys.

For replacing the battery or the sensor, unscrew the three screws on the rear, open the instrument, replace the battery or sensor with a new one, close the instrument screwing the three screws. If you replace the sensor set the new sensor conversion value and Gain factor.

For resetting the instrument to the original factory settings (rES), power on the instrument pressing at the same time for few seconds the ON/OFF and the <CALIB keys. The instrument will lose all the previous calibration and alarm settings for going to the original factory settings.



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