

CO₂NTROL Family

Firmware Release Notes

Firmware Release: COOUM003 (August 2021)

For all CO₂NTROL sensors with FW release number COOUM001
 REF: 10087810-11, 10087810-12, 10087810-13, 10087810-14, 10087810-15
 The CO₂NTROL firmware upgrade may be done on site by our Technical Support.
 This firmware upgrade requires ArcAir 3.6.0 release or successive ones.

New Feature / Topics	Description	Advantage	Update
Improved Temperature Compensation	Heat transfer may vary depending on sensor installation causing a perceived temperature deviation. The firmware update improves temperature measurement for more consistent measurement when compared to an external temperature sensor.	The user should see more consistent temperature readings when comparing measurements between benchtop and process installations	Strongly recommended
Incorrect hardware error "Sensor defective" fixed	After SIP/CIP processes, the sensor may incorrectly show the hardware error: "Sensor defective" and consequently not measure anymore	As soon as the sensor is in the standard operating conditions, it measures without error messages	Strongly recommended
Customized Level S Password feature now available	If the level S password in ArcAir software is different from the default one, ArcAir returns an error message when a connection attempt to CO ₂ NTROL sensor is done	The user can now use CO ₂ NTROL with his/her own customized Level S password	Strongly recommended
Optimized acceptance limits for Zero-point calibration	The signal limits which enable the zero point calibration have been improved	The zero-point calibration can be successfully executed in any situation	Recommended
Optimized activation limits for Product calibration	The signal limits which enable the activation of a product calibration have been improved	The product calibration can be successfully activated in any situation	Recommended
Operating hours above 60°C are counted correctly	Operating hours above 60°C have an influence on correct CIP and SIP process counting	CIP and SIP process counting is done correctly	Recommended

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