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TECHNICAL BULLETIN

IWSC TECHNICAL MEMO #24-06

To: All IMSA WeatherTech SportsCar Championship Participants
From: IMSA Competition
Date: January 12, 2024
Re: Sentronics Update

Please find information regarding Sentronics calibration activities and requirements for the ROAR and Rolex Events.



IMSA IWSC CUSTOMER BULLETIN

2024 IMPORTANT ROAR AND DAYTONA CALIBRATION INFORMATION

12 January 2024

This document contains important information concerning the use and calibration of the Sentronics FlowSonic GT-100-01 fuel flow meter (FFM) and RigFlow HI-250-01 refuelling rig flow meter (RFM) by IWSC Competitors for the 2024 championship.

2024 IWSC Sentronics Sensor Requirements by Class

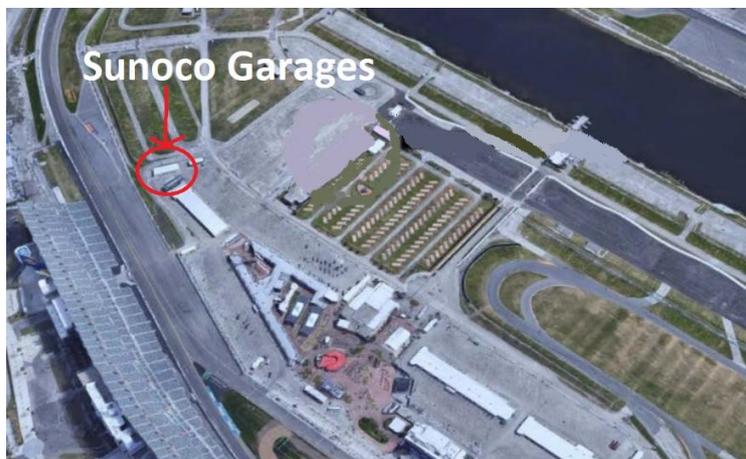
Sensor	GT-100-01 (on car)	HI-250-01 (on refuelling rig)
Mandated IWSC classes	GTP/GTD PRO/GTD	all classes

2024 Calibration Requirements for FFM and RFM

Both FFMs and RFMs must be recalibrated for the 2024 racing season. This will be enforced via a 2024 calibration sticker applied at the *ROAR Before The 24* test, which will be required and valid throughout the 2024 IWSC season. Please note that this replaces the previous requirement to recalibrate the sensors every 150 hours of run time. Sentronics is pleased to inform customers that all new meters purchased from June 2023 onwards qualify for a free 2024 recalibration. If any of your sensors are eligible for this service, please contact us at sales@sentronics.com. If any of your meters qualify, but your team will not be present at the *ROAR*, please contact us to make arrangements for your 2024 recalibration and sticker.

GT-100-01 Calibrations at the ROAR

Sentronics will be set up and ready to receive your “on-car” GT-100-01 flowmeters between 11.00am and 5.00pm on Wednesday 17 January 2024 at our office in the Sunoco garage (see below).



Please ensure your GT-100-01 sensors are delivered no later than 11.30am on Thursday 18th January 2024. We cannot guarantee the calibration can be performed on the same day if sensors are delivered after this cut-off time.

HI-250-01 Calibrations Between the ROAR and Race

For RigFlow calibrations, we will be calibrating the HI-250-01 *in situ* on the team rigs starting at 9.00am on Monday 22 January 2024. Our provisional schedule is as follows:

Mon 22 Jan	9.00am-5:30pm	All GTP teams / start GTD Pro teams
Tue 23 Jan	9.00am-5:30pm	Finish GTD Pro teams / start GTD teams
Wed 24 Jan	9.00am-5:30pm	Finish GTD teams / all LMP2 teams

IMPORTANT POINTS ON RFM CALIBRATION

- 1 Teams will **not** be required to disassemble their refuelling rigs. The Sentronics portable calibration rig will be brought to your refuelling equipment in the pit lane and the RFM will be calibrated in place.
- 2 We will be using our own hoses to calibrate the RFM (see photo below). Please **disconnect your dry break refuelling hoses and fit a blanking cap to the CAM lock outlet attached to the 'deadman' valve prior to filling your 200L tank. This prevents any leaking fuel from dripping from your fuel rig assembly (in the event of leaky dead man valve assembly).**
- 3 Sentronics personnel will have their own safety equipment and operate the 'deadman' valve, but will require a team member familiar with the team's refuelling equipment/process to be present upon our arrival and throughout the calibration (typically 15 minutes).
- 4 Sentronics will require the 200-litre tank to be filled with your race fuel prior to our arrival for RFM calibration.

For those unfamiliar with the trackside RFM calibration process followed in 2023, the photo below shows an RFM calibration in progress and should give you an idea of what to expect this year:



CONTACT DETAILS FOR THE ROAR/24HRS

Any questions or queries, please use the following contact information:

Contact Name: Jamie Jones

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Contact Email: jnj@sentronics.com

Location/HQ: Sunoco Garage Offices. See photo overleaf.