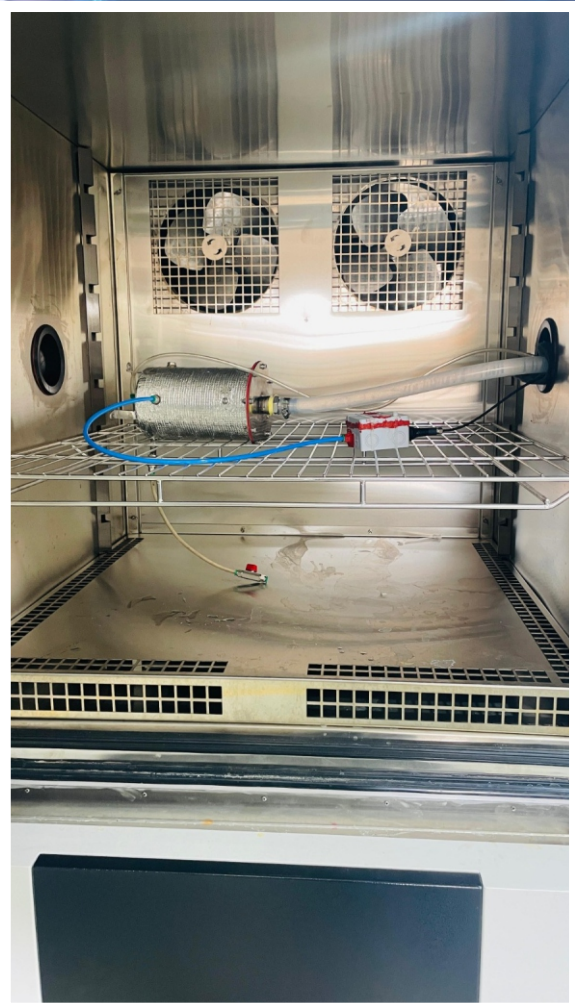


HYDROGEN SENSOR TEST CHAMBER



Envisys engineered a specialized climatic test chamber tailored for hydrogen sensor testing, incorporating stringent safety and control systems to meet high-performance requirements. This chamber includes an integrated inertization system to mitigate risks associated with hydrogen, a fire suppression system, and comprehensive gas and heat detection systems adhering to EUCAR safety standards.

Additionally, the chamber is built with a refrigeration-based chemical scrubber unit, ensuring effective management of hazardous gases and enabling precise environmental control. These integrated systems collectively provide a safe, reliable environment for hydrogen sensor testing under simulated climatic conditions, enhancing the chamber's functionality and safety for rigorous hydrogen-based applications.

Revision History	Prepared By	Date
00	Prasannakeerti PM	04 November 2024

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