

# GAS SENSOR TESTING & CHARACTERIZATION SYSTEM



## PRODUCT INFO

**Product Name:**

Gas Sensor Testing & Characterization System

**Product Category:**

Research Instrumentation

**Application:**

Gas Sensor Testing & Evaluation

**Power Supply:**

220 V



## QUICK GUIDE

Developed for controlled gas-sensor research, the Pallasite characterization system provides a dedicated experimental platform for evaluating sensor response under defined test conditions.

## PURPOSE-BUILT FOR CONTROLLED SENSOR TESTING

Pallasite's Gas Sensor Characterization System was developed as a custom research platform for controlled evaluation of gas-sensing devices. The system integrates a dedicated test chamber, operating controls, and gas-handling components into a compact experimental setup designed around the requirements of sensor characterization.

Internal Test Chamber — Sensor Mounting Configuration



## KEY FEATURES



### CONTROLLED TEST

Provides a dedicated chamber for evaluating gas sensors under repeatable experimental conditions.



### INTEGRATED SYSTEM

Combines monitoring and operating controls within a single research-oriented platform.



### PURPOSE-BUILT

Developed specifically around the functional requirements of gas-sensor characterization experiments.

## TECHNICAL SPECIFICATIONS

| Information                        | Specification                      |
|------------------------------------|------------------------------------|
| Product Type                       | Gas Sensor Characterization System |
| Chamber Material                   | 316 Stainless Steel                |
| Chamber Dimensions (D×H mm)        | 250×210                            |
| Gas Inlet Configuration            | Tubing Connection                  |
| Gas Flow Control                   | Mass Flow Controller               |
| Maximum Operating Temperature (°C) | 500                                |
| Temperature Sensor                 | Thermocouple Type K                |
| Temperature Control                | PID Controller                     |

### Contact us



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