



# भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद Indian Institute of Information Technology, Allahabad

An Institute of National Importance by Act of Parliament  
Deoghat, Jhalwa, Prayagraj-211015 (U.P.) INDIA

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## Call for Objection Notice

Ref. No.: IIIT-A/SP//1870/2521/2025

Dated: 25.09.2025

**Subject:** Call for Objection against "Procurement of SAI make Gas Sensing System and its Accessories at IIIT-Allahabad, from M/s Scientific & Analytical Instruments, New Delhi under proprietary article certificate.

The Applied Science Department of IIIT-Allahabad has indented for procurement of **SAI make Gas Sensing System and its Accessories** under proprietary article basis as per provision of GFR 2017, directly through **M/s Scientific & Analytical Instruments, New Delhi** against their proposal and accepting their claim that they are the proprietary owner, manufacturer and Service Provider of **SAI make Gas Sensing System and its Accessories** across India and Abroad. It is also stated that **SAI make Gas Sensing System and its Accessories** is being marketed and maintained solely by **M/s Scientific & Analytical Instruments, New Delhi** which satisfies all requirements of being a proprietary item.

Relevant documents are enclosed herewith for inviting objection /claims/comments, if any, from eligible manufacturer/supplier, before accepting the claim of earlier said manufacturer and accordingly making procurement under proprietary articles.

Objection/claim/comments, should be sent through email with all relevant supporting documents to [info.purchase@iiita.ac.in](mailto:info.purchase@iiita.ac.in) with CC to the [ar.sp@iiita.ac.in](mailto:ar.sp@iiita.ac.in) by mentioning above subject within **10 days** from the date of publication of this notice i.e., on **05.10.2025** up to **3:00 p.m.** After the due date, it will be assumed that no distributor/manufacturer/supplier has any objection/claim against the above said/article and the same will be considered as a proprietary article.



Deputy Registrar (S&P)

IIIT-Allahabad,

### **Enclosure:**

1. Proprietary Article certificate signed by **M/s Scientific & Analytical Instruments, New Delhi**
2. Technical Specifications of the Accessories by **M/s Scientific & Analytical Instruments, New Delhi**.



DEDICATED TO SERVICE

# Scientific & Analytical Instruments

ISO 9001:2015 Certified

T-24, Ground Floor, Okhla Industrial Area, Phase-II, New Delhi-110020

Tel. : 91 11 41037156 Mobile : +91 9718525863, +91 9650866152

E-mail : [sainanotech@gmail.com](mailto:sainanotech@gmail.com) | [saisales74@gmail.com](mailto:saisales74@gmail.com) | [www.sainanotech.com](http://www.sainanotech.com)

SAI/IIITA/ENQ-25140/25-26

Dated: 26.08.2025

## TO WHOM SOEVER IT MAY CONCERN

### SUBJECT: PROPRIETARY CERTIFICATE

Dear Sir/Madam,

We hereby confirm that **ACCESSORIES FOR GAS SENSING SYSTEM** manufactured by SCIENTIFIC & ANALYTICAL INSTRUMENTS quoted vide our Quotation no. **SAI/IIITA/ENQ-25140/25-26** against your enquiry are a Propriety Item of our company. To the best of our knowledge, Scientific & Analytical Instruments is the only OEM of these Accessories for Gas Sensing System in India.

If you have any queries what so ever with regards to this system or functionality, Pls. feel free to contact us at: [sainanotech@gmail.com](mailto:sainanotech@gmail.com) or [saisales74@gmail.com](mailto:saisales74@gmail.com) and Mobile no. 09650866152 or 9718525863.

Thanking you & assuring of our best services at all times.

For **SCIENTIFIC & ANALYTICAL INSTRUMENTS**

**RAJUDDIN**  
**( AUTHORISED SIGNATORY )**



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Manufacturers & Service provider for Vacuum Pumps, Vacuum Coating Systems,  
EB Gun, RF Generator, Vacuum Furnaces, CVD, Spin & Dip Coater, Analytical Instruments



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DEDICATED TO SERVICE E-mail : sainanotech@gmail.com | saisales74@gmail.com | www.sainanotech.com

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Dated: 26.08.2025

## TECHNICAL SPECIFICATION OF THE ACCESSORIES

### GAS FLOW SYSTEM

- Flow Range: 0-10 SLPM (1 No.)
- Medium: Ar, N<sub>2</sub>, H<sub>2</sub>, O<sub>2</sub>, CO, CO<sub>2</sub>, etc. (Single MFC can be used for upto 30 Gases).
- Maximum Inlet Pressure: 9.9 bar.
- Operating Range: 0.5% to 100% Full scale measurement. Accuracy:  $\pm$  (0.8% of reading + 0.2 % of full scale)
- Repeatability:  $\pm$ 0.2% Full scale.
- Typical response time: 100 Milliseconds (Adjustable) or less.
- Warm up Time: less than 1 second,
- Resolution: 0.01% of F.S.
- Operating temperature:-10° Celsius to +50° Celsius.
- System connector: RS-232 Serial.
- Power Supply: 100-240 VAC to 24 VDC Power Supply.
- Fittings: Swage Lock Compression Type.

### GAS FLOW SYSTEM COMMUNICATION ACCESSORIES:

BB9-232 Signal Distribution Box with integrated USB to RS232 Converter, 3 Position Mini DIN, with 9 DC-62RS cables, Serial Cable and USB 2.0 A to B cable

### GAS MIXING & FLOW VISION SOFTWARE:

Gas Mixing & Flow Vision Software Model Flow Vision MX / Flow Vision SC will be required for Gas Sensing Setup. Mixing Software will be loaded in **USER PROVIDED LAPTOP/DESKTOP**.

### GAS DELIVERY SYSTEM

- 1) Set of Swage Fittings and Valves for Gas Flow into the System
- 2) 1 No. Gas Valve to control Flow of MFC to Purge Gas into Test Chamber and Vac.
- 3) Set of Electrical Control, Cables & necessary connectors

### FOUR PROBE RESISTIVITY MEASUREMENT SET UP:

Four Probe Set-Up for measuring the resistivity of very low to highly resistive thin sheet samples at different temperatures The set-up consists of the following (i) Four Probe Arrangement with built-in thermocouple sensor, FPA-RM-200 (ii) Standard Samples: Ge, Si and Aluminium, FPS-SET-3 (iii) Control Unit of Four Probe Setup, DFP RM-200N

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