

## High-Pressure Volumetric Gas Sorption Analyzer request form for External User

**Instrument Name:** High pressure gas sorption analyser (Anton Paar) Model: - Isaorb-HP

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### **Instructions:**

1. **Sample Form:** Powder (~100 mg).
  2. **Degassing Temperature Range:** From Room Temperature to 300 °C. The analysis cannot be carried out if degassing and analysis conditions are not specified.
  3. TGA data is required
  4. **Prohibited Samples:** Explosive, poisonous samples, or those releasing toxic/obnoxious gases/fumes upon heating cannot be analysed.
  5. The user must ensure that samples will not melt or change during degassing.
  6. **Repeat Analysis:** A new form must be filled out for each repeat analysis, and the sample will be analysed as per the queue.
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### **Personal Information**

1. **Type of Industry:** Academic / Industrial / National Lab
2. **Name of the User:** \_\_\_\_\_
3. **User Email ID:** \_\_\_\_\_
4. **Registration No:** \_\_\_\_\_
5. **Mobile Number:** \_\_\_\_\_
6. **Department / Institution name:** \_\_\_\_\_
7. **GST Number:** \_\_\_\_\_
8. **Number of Samples (Only 1 at a time)** \_\_\_\_\_
9. **Sample Code:** \_\_\_\_\_
10. **Degassing Temperature.** \_\_\_\_\_
11. **Degassing duration (in hours):** \_\_\_\_\_
12. **High pressure analysis value required (Maximum 50 Bar):** \_\_\_\_\_
13. **Adsorbent Gas: - CO<sub>2</sub>/H<sub>2</sub>** \_\_\_\_\_
14. **Analysis Temperature: (RT to 0 °C)** \_\_\_\_\_
15. **Additional Information (If any):**  
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**Note: Final data will be shared in ASCII and PDF format to users email id.**