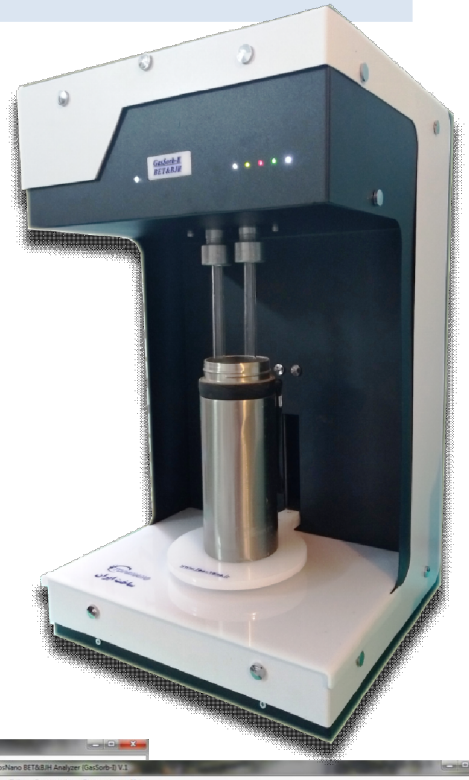
Specific Surface Area and Pore Size Distribution- BET

Item	*Specification*
GasSorb - I	*Measurement principle:static Volumetric method* *Adsorption gas/vapor: N2, Ar, Kr, CO2, H2, O2, CH4, other non-corrosive gas* *Multi sample measurement: 1 port* *Measurement range: Specific surface area: 0.05 - 3000 m2/g (N2)* *Pore size distribution (Diameter): 0.35～500nm* *Pressure transducer:1.6 bar* *Gas port: 2* *Vacuum pump: Rotary pump* *Pretreatment heater : 50～400℃*

Tabular and Graphical Reports:



- *Single and multipoint BET surface area*
- *Total pore volume*
- *Langmuir surface area and Isotherm reports*
- *t-Plot*

- Harkins and Jura Thickness Equation
- Halsey Thickness Equation
- Carbon STSA
- Broekhoff-de Boer
- Kruk-Jaroniec-Sayari

- *BJH adsorption and desorption*

- Standard
- Kruk-Jaroniec-Sayari correction

- *Dollimore-Heal adsorption and desorption*
- *Mesopore*
- *- Volume and area distributions by pore size*