Surface Area & Pore Size Analyzer

**Specification**
- Range: 1 to 200 amu
- Ion Source: Open or Closed
- Max. Operating Pressure: 1x10^-4
- Resolution: < 10% of Valley
  (AVS Standard 2.3)
- Sensitivity: 2x10^-4 amps/torr
  (open ion source)
- Electron Multiplier (5x10^-11 torr)

Detectors: Faraday Cup Electron Multiplier (optional)

**Selected applications**
- Physisorption studies, micropore analysis, mesopore analysis
- Fractal dimensions, chemisorption tests, carbon reactivity
- Catalyst dispersion, TPR, TPD, TPO, surface acidity and basicity

<table>
<thead>
<tr>
<th>Sample</th>
<th>S_{BET} (m^2/g)</th>
<th>V_{total}(cc/g)</th>
<th>D_{avg}(nm)</th>
<th>PSD (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>micro</td>
<td>meso</td>
</tr>
<tr>
<td>ACF</td>
<td>1210</td>
<td>0.679</td>
<td>2.24</td>
<td>89.37</td>
</tr>
<tr>
<td>Cu_CNF</td>
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<td>0.337</td>
<td>2.77</td>
<td>72.70</td>
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<tr>
<td>Ag_CNF</td>
<td>1193</td>
<td>0.669</td>
<td>2.24</td>
<td>87.20</td>
</tr>
</tbody>
</table>

**Location:**
Department of Chemical Engineering
IIT Kanpur

**Contact:**
Prof. Nishith Verma
nishith@iitk.ac.in