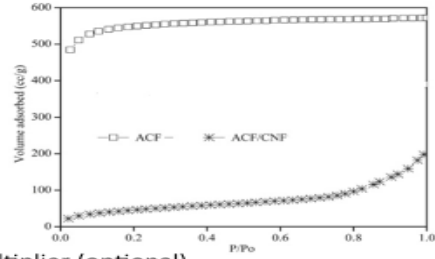


## Surface Area & Pore Size Analyzer



### Specification

Range: 1 to 200 amu  
 Ion Source: Open or Closed  
 Max. Operating Pressure:  $1 \times 10^{-4}$   
 Resolution: < 10% of Valley  
 (AVS Standard 2.3)  
 Sensitivity:  $2 \times 10^{-4}$  amps/torr  
 (open ion source)  
 Electron Multiplier ( $5 \times 10^{-14}$  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

Sample	$S_{BET}$ ( $m^2/g$ )	$V_{Total}$ (cc/g)	$D_{avg}$ (nm)	PSD (%)		
				micro	meso	macro
ACF	1210	0.679	2.24	89.37	5.49	5.14
Cu_CNF	486.2	0.337	2.77	72.70	25.52	1.78
Ag- CNF	1193	0.669	2.24	87.20	8.36	4.43

### Location:

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