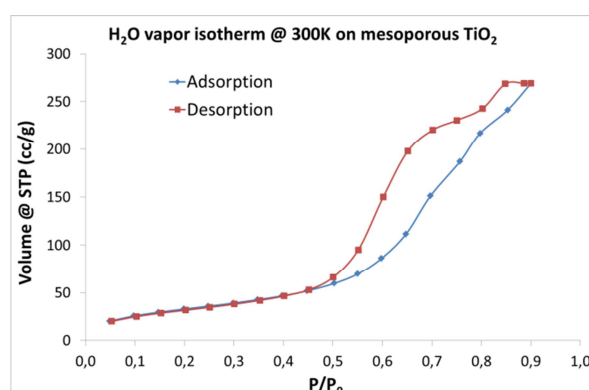
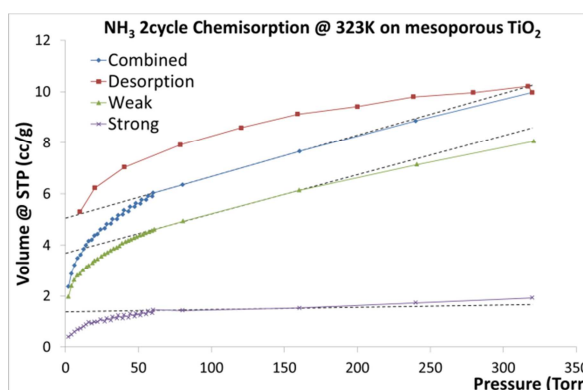
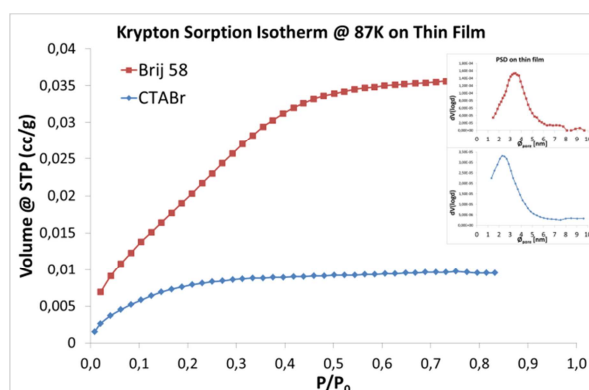


## Combined Volumetric and Dynamic Sorption Autosorb-iQ-C (Quantachrome)

- Volumetric measurements :**
  - Physisorption isotherms
  - Two cycle adsorption isotherms (TCA) - chemisorption
  - Vapor measurements – chemisorption
- Dynamic measurements :**
  - TPD, TPR, TPO
  - Pulse titrations
- Combined volumetric-dynamic measurements**



### Specifications

- ✓ Adsorbates:
  - N<sub>2</sub> (77 K), Kr (87 K)
  - Other gasses (323 K - 1273 K)  
eg NH<sub>3</sub>, O<sub>2</sub>, H<sub>2</sub>, N<sub>2</sub>, CO<sub>2</sub>,...
  - Vapors (323 K - 1273 K)  
eg H<sub>2</sub>O, alcohols,...
- ✓  $P/P_0$  values down to  $10^{-7}$
- ✓ Surface Areas until 0.01m<sup>2</sup>/g (N<sub>2</sub>) and 0.0005m<sup>2</sup>/g (Kr)
- ✓ Pore size distributions until 0.35 nm  $\phi$
- ✓ Manifold can be heated to 323K

### Contact

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