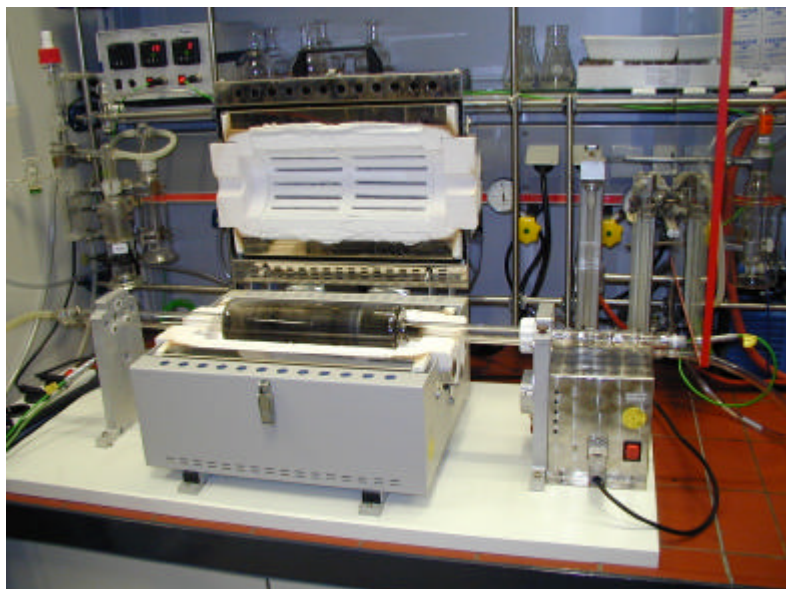


Electronic Supplementary Information

Activated Carbon with Superparamagnetic Properties

M. Schwickardi, S. Olejnik, E.L. Salabas, W. Schmidt and F. Schüth

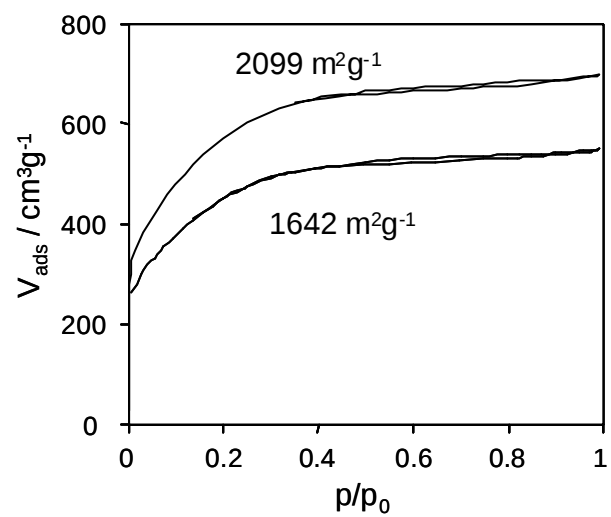


Laboratory Rotary Kiln

Tube furnace (*Carbolite*) with Eurotherm controller *and* rotation mechanics (MPI für Kohlenforschung)



Pilot scale rotary kiln



N₂ Sorption Isotherms (77K)

top: parent activated carbon (Kugelkohle)

bottom: activated carbon after loading with carbon-protected iron nanoparticles