

Control of the crystal habit and magnetic properties of Co nanoparticles through the stirring rate.

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Supplementary material

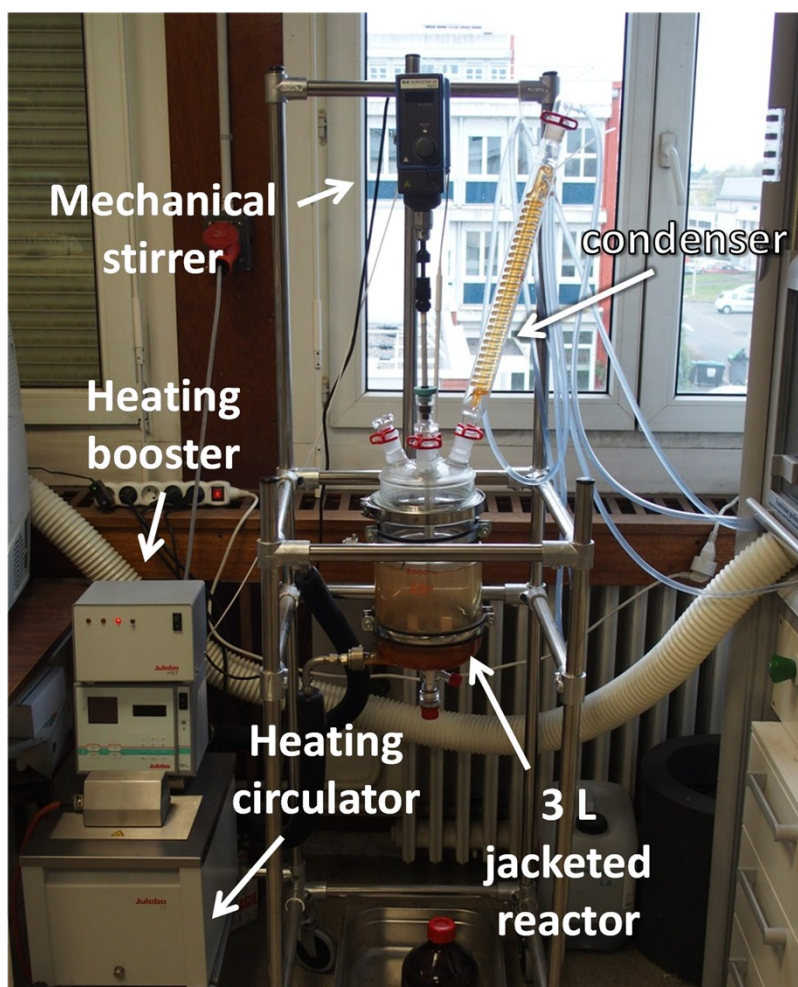


Figure S1. Photography of the experimental set-up for the large-scale production of Co NRs.

The jacketed reactor's heating system consists in a double glass cylindrical flask with oil circulation. The internal diameter is 15 cm. A heating circulator Julabo SL-12 equipped with a Julabo HST booster heater (6 kW), was used to heat the oil. The additional heater allowed reaching a ramping temperature close to $8^{\circ}\text{C}\cdot\text{min}^{-1}$. A Teflon propeller was used for the mechanical stirring of the reacting medium.