

Product Name :
Ferrofluid Demonstration for Physics Electric Labs

Product Code :
BSC-TR-51



Description :

Ferro Fluid Demonstration - A comparison between the Bulk and Nano size iron particles. Provided with strong magnet Ferro fluid Demonstration shows how magnetic properties can exist in fluid state. Normally, a liquid is not expected to exhibit any magnetic property.

However, when nanoparticles of a magnetic material are dispersed in a liquid, magnetic properties can be exhibited. The nanoparticles so dispersed are not visible

to our eyes. The magnetic fluid is known as Ferro fluid. This is a colloidal suspension of magnetic nanoparticles. Ferro fluids have the captivating property of

exhibiting spikes when placed in the proximity of a strong magnet. The aim of the experiment is to demonstrate the novel properties in the material using

nanoscience.

A comparison between the Bulk and Nano size Iron Particles

Provided with Strong Magnet

Provided with Iron filing for Comparison

Accessories are provided in a Carrying Case

Learning material CD

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