

Product Name :

Measurement of susceptibility of paramagnetic solution (Quinck's Tube Method) for Physics Electric Labs

Product Code :

BSC-TR-33



Description :

Measurement of susceptibility of paramagnetic solution (Quinck's Tube Method) - Quinck's tube is provided with measuring scale. Provided with a magnifying lens. Measurement of susceptibility of

paramagnetic solution (Quinck's Tube Method)

Measurement of Susceptibility of paramagnetic solution is a laboratory setup to measure susceptibility of paramagnetic solution by Quinck's tube Method. Susceptibility refers to that quantity of a substance by virtue of which the substance gets magnetized. In other words, it refers to the extent of induced magnetization in unit field. On the basis of Susceptibility, a substance can be classified as diamagnetic, paramagnetic and ferromagnetic substance, which is an important observation in material science.

Setup consists of the following equipments :

Quinck's tube with stand

Electromagnet

Travelling Microscope (optional)

Gauss and Tesla Meter Nvis 621 with InAs probe

Constant current power supply Nvis 623

Paramagnetic sample

Quink's tube is provided with measuring scale

Provided with a magnifying lens

Gauss and Tesla meter for measuring magnetic field with LCD and PC interface facility

InAs Probe for better sensitivity of magnetic field

Provided with an Electromagnet

Constant current source with LCD display

Learning material CD

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