

Harmonic Coil Magnetometer

Description: Specially designed coil pairs placed inside a cylindrical non-magnetic, non-conductive shaft which rotated in aperture of accelerator multipole magnet to measure parameters like integral magnetic field, higher order multipoles and homogeneity of integral magnetic field. Enhanced precision of measurements due to coil pairs operating in bucking mode.

Facility Creation Date: August 2017

Report: Can measure key performance indicators of an accelerators magnets like parameters like integral magnetic field, higher order multipoles and homogeneity of integral magnetic field

