

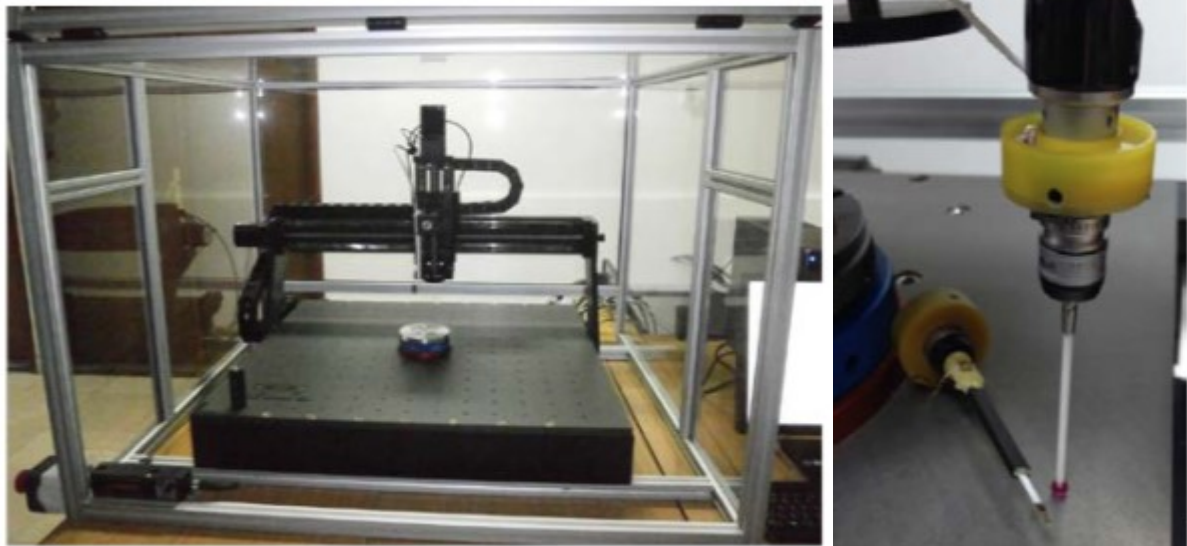
Magnetic field mapper for characterisation of magnetic systems

Description: Allows users to perform a fast, high resolution mapping of magnetic field around a permanent magnets, electromagnets and electronic circuit PCBs. The map of the magnetic field can be presented as color coded 2D or 3D isometric visual display on a PC screen and as a table of numerical values of the magnetic field (each component B_x , B_y , B_z , B_{xy} , B_{tot} , etc.)

Facility Creation Date: November 2015

Report: Extended scanning volume (500 x 500 x 135 mm³)

Measurement of all three components of magnetic field (B_x , B_y , B_z), magnetic angle measurement, angle error, inhomogeneity, peak and zero value detection of magnetic encoders, number of magnetic poles counting, pole width calculation, pole distribution of multipole magnets and rotors, etc.



Magnetic field mapper with stylus and hall probe