

MAGNETIC FIELD DISTRIBUTION AUTOMATIC MEASURING METER

MFDAM is used for testing the magnet's surface magnetic field and flux after magnetization and evaluating the magnetization effect with the test data. For example, the magnetic field on ring magnet's inner, outer and end ring surface and the magnetic field on flat magnet can be tested. Especially, it has the superiority in test of magnet with multi-pole

This instrument is used multi axis control by the computer. It can test the magnet automatically and it can test magnet with small pole distance quickly and precisely. The detection head has the function of fixed position automatically and a coder output device is assembled on revolving. This instrument needs less than 5 seconds to test each magnet and is completely fit for on line test.

It can display the parameters under friendly customer system in Windows98, such as wave-form of magnetic field, magnetic flux, extreme value, the number of poles, average extreme value, angle scope of each pole, angle where the extreme value is, duty ratio and area of each pole, etc. In addition, it has alarm function when out of the range. The data can be processed and printed by EXCEL. Wave-form can be display by X-Y coordinates, polar coordinates and three-dimensional.

