

Abstract

Method for Determining the Magnetic Contamination of Surfaces

It must be assured in the manufacture of magnetic data carriers such as, for example, hard-disk storages that neither the data carrier itself nor component parts of the data carrier system situated in the proximity comprise magnetic contaminants. The inventive measuring method allows the determination of magnetic contaminants on the basis of a magnetized soft-magnetic measuring substrate that is brought into close contact via a parting agent with magnetic contaminants of a surface under examination that adhere to an adhesive tape. The reduction of the remanent field thereby produced represents a criterion for the magnetic contamination of the surface under examination.