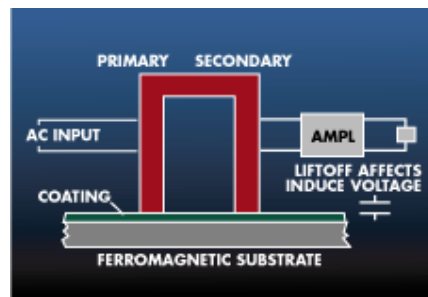


電磁法量測原理



Magnetic Induction
principally used for measuring
the thickness of a
non-magnetic coating (zinc,
cadmium, paint, powder
coating) over a steel substrate.

This principle is used for measuring the thickness of a non-magnetic coating (zinc, cadmium, paint, powder coating, etc.) over a steel substrate.

The probe system is essentially the secondary of a transformer circuit that reacts to the presence of a magnetic material. The circuit efficiency and output voltage increase when the probe is brought near a magnetic surface, providing parameters which may be used to measure the distance (coating thickness) from the magnetic surface