

This instrument adopts the magnetism and backset measuring thickness methods. It can measure the thickness of the covering layer of non-magnetism (such as aluminum, chrome, copper, enamel, rubber and oil paint) which are covered on the magnetism metal substrates (such as steel, iron, alloy and rigid magnetism steel) and the thickness of covering layer of non-transmitting electricity (such as enamel, rubber, oil paint and plastic) which are covered on the non-magnetism metal substrates (such as copper, aluminum, zinc and tin). It has many characteristics, such as little error of measuring, excellent performance, good stability and easy operation. It is such a necessary measure instrument to control and guarantee the product quality that it is widely applied to manufacturing, metal processing industry, chemical industry and merchandise testing field.

## **Specifications**

Test method: The magnetism and backset measuring

Measure range: 0~1000um

Measure precision:  $\pm 3\%H \pm 1.5\mu$

Display precision: 0~99.9um  $\square 0.1\mu$  / Over 100um  $\square 1\mu$

Statistic function(single measure): Average value, maximum value, minimum value, measure times

Minimum substrate: 10\*10 mm

Minimum curvature: Protruding 5mm, concave 25mm

Most thinnest substrate: 0.5mm

Environment temperature: 0°C~40°C

Relative humidity:  $\leq 85\%$

Power: DC9V  $\times 1$