

BENETECH GM130



Product description

GM130 ultrasonic Thickness gauge For double probe thickness gauge, precision up to 0.01 mm. Measuring principle of ultrasonic, can apply to make the ultrasonic wave in its internal communications at a constant speed, can get reflection from the back of a variety of material thickness measurement. Ultrasonic thickness meter can be used to accurately measure about all kinds of plates and all kinds of machining parts, another important aspect is to production equipment in a variety of pipeline and pressure vessel monitoring, monitoring in the process of using the degree of corrosion after thinning. Ultrasonic thickness meter can be widely used in petroleum, chemical industry, metallurgy, shipbuilding, aviation, aerospace and other fields.

Technical parameters

model GM130

Measuring range 1.00 ~ 300.0 mm (steel)

Measurement error Plus or minus 1% (H + 0.1 mm), H is a true thickness measured object

WoRKing frequency 5MHz

Measurement resolution 0.01mm (1.00~99.99mm) ; 0.1mm (100~300mm)

Pipe measurement threshold (steel) $\Phi 15 * 2.0$ mm ($\Phi 6$ probe); $\Phi 2.0 * 3.0$ mm ($\Phi 10$ probe);

Sound velocity measurement

Sound velocity measuring range: 1000 ~ 9999 m/s

Block thickness of 20 mm or less, the sound velocity measurement precision of + / - 1%;Block 20 mm or higher thickness, velocity measurement precision is plus or minus 5%

The work environment

Working temperature: 0 ~ 40 °C;The workpiece temperature < 60 °C;Relative humidity < 90%;

Without a strong vibration and corrosive medium, is strictly prohibited collision, humidity, etc.

The power supply Three 1.5 V AAA alkaline batteries

Working current Acuities were 35 ma (power supply: 4.5 V backlighting open)

Product net weight 223g

Product size 72x29x146mm