

Ultrasonic Thickness Meter

This is a type of smart ultrasonic thickness meter and can measure thickness and sound speed of many types of materials such as metal, plastic, ceramic, glass and other good conductors of ultrasonic wave.



Display	LCD display with back light
Working frequency of the probe	5M Hz
Range	1.2~225mm (steel)
Resolution	0.1mm
Accuracy	$\pm(1\%H+0.1)$ mm, H is the object thickness.
Lower measurement limit of pipes	$\Phi 20 \times 3$ mm
Sound speed adjustment scope	1000 ~ 9999m/s
Measuring sound speed with known thickness	Measurement scope: 1000 ~ 9999m/s; when thickness of measured objects is ≤ 20 mm, the precision of sound speed measurement is $\pm 1\text{mm}/H \times 100\%$; when the object thickness is > 20 mm, precision of sound speed measurement is $\pm 5\%$.
Power supply	3 x 1.5V AA alkaline batteries
Operating temperature	0 ~ 40 °C
Relative humidity	< 90%RH
Storage temperature	-10 ~ 50 °C
Working temperature	< 60 °C
Working current	< 120mA
Size	152mm x 75mm x 32mm
Accessories	probe, coupling agents, instruction for use, color box

Line ID: @neonics



HT-1200

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