HS160 Series Ultrasonic Thickness Gauge

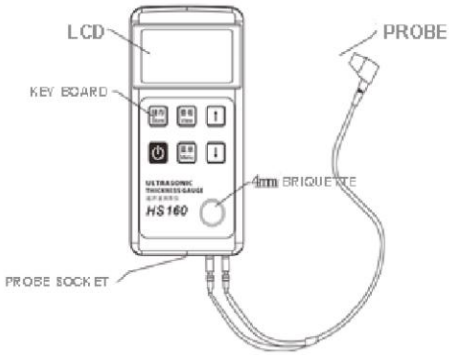
ITEM NO.:HS160

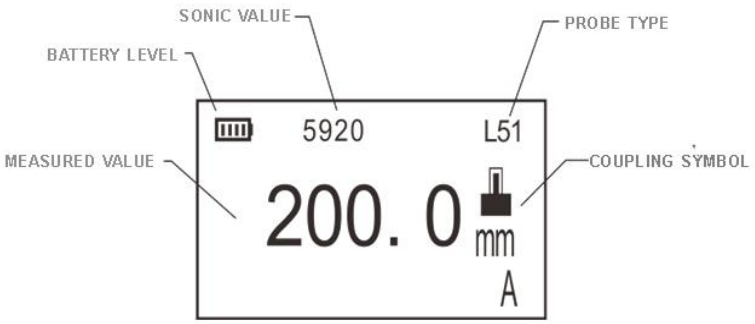
Packing Box

HS160 series ultrasonic thickness gauge,with the measuring principle of ultrasonic, apply to measure the thickness of all kinds of material, through which the ultrasonic wave can propagate at a constant speed and can get reflection from the back.This instrument can be used for a variety of plate and all kinds of machining parts for accurate measurement.Another important function of this gauge is to monitor all kinds of pipelines and pressure vessels used in the production equipment, monitoring their degree of corroded thinning during the using process. It's widely used in petroleum, chemical industry, metallurgy, shipbuilding, aviation, aerospace and other fields.

Main Characteristics

1. Measurement range：0.7mm~250.00mm;
2. Display resolution：0.01mm or 0.1mm;
3. Error value：±（1%H＋0.06）mm;
4. Pipe measurement threshold (steel)：φ20mm×3.0mm(L51 probe)，φ15mm×2.0mm(L77 probe);
5. Sound velocity adjusting range：1000m/s～10000m/s;
6. Sound velocity test on certain thickness：measurement range1000m/s～10000m/s,
   thickness of the block≤20mm,Sound velocity measurement precision is ±1mm/H×100％;
   thickness of the block>20mm,For sound velocity measurement precision is±5％;
7. Operation temperature：0℃~40℃;
8. Power：1000mah Li-On rechargeable;
9. Power dissipation：working current<50mA(Don't open a backlight);
10. Dimension：133mm×66mm×25mm;
11. Weight：0.13kg;





	Name	frequency	probeΦ	Measure range	Min calibre	Remarks
The probe	L51 standard probe	5MHZ	10mm	0.8~225mm	Φ20×3.0mm	Conventional probe
	L77 micro mirror probe	7MHZ	6mm	0.7~50mm	Φ15×3.0mm	thin-walled tube
	LZ2Iron casting probe	2MHZ	14mm	4~250mm	-	coarse-grain texture