

Ultrasonic Thickness Meter MODEL NO. BE850, BE860



BE850

APPLICATION

The measurement range of 1.20~225mm, 1.00~300mm combined with ultrasonic wave velocity measurement function of 1000~9999m/s provides accurate measurement readings.

Widely used in various precise measurements for different hardware/parts in industrial realm. One of its important applications is to monitor the level decreasing thickness during operation of various and pressure container.

Diffusely applied in manufacture fields, metal processing as well as commercial inspection and can be applied for materials that conduct and reflect constant sonic velocity

KEY FEATURES

- ✧ Auto Calibration to assure the accuracy
- ✧ Auto linear compensation: this advanced software program enhances the precision by correcting the non-linear accuracy of transducer
- ✧ Use ▲ and ▼ keys to make a quick adjustment for the sound velocity/thickness and a quick recall to the stored data
- ✧ Coupling status indication: Observing the coupling icon to learn if the coupling is accomplished or not
- ✧ 10 thickness measurement storage and recall function available, which facilitated the height work or working in wild area
- ✧ Sound velocity measurement: with a given thickness by a sample hardware to measure the sound velocity, which avoid the
- ✧ further conversion or consultation of the table
- ✧ 12 sound velocity for different material which also adjustable
- ✧ Low battery indication
- ✧ Auto power off mode designed to conserve battery life
- ✧ More than 10000 times long life keys
- ✧ The unit has a special memory that retains all of its setting even when the power is off.

SPECIFICATIONS

- * LCD Digital display: 4 digits
- * Measuring Range: 1.2-225mm(Steel)(BE850) 1.00~300mm(Steel)(BE860)
- * Resolution: (<100mm)0.1mm(for BE850); 0.01mm(for BE860)
- * Mini Limit for tube measuring:Φ10mm probe: Φ20*3mm(steel)(for BE850);
- * Mini Limit for tube measuring: Φ10mm probe: Φ20*3mm(steel),Φ6mm probe:Φ12x2mm(steel)(for BE860)
- * Accuracy: $\pm(1\%H+0.1)$ mm
- * Sound Velocity range: 1000~9999m/s
- * Frequency: 5MHz
- * Size: approx. 150 x 38 x 80mm
- * Weight: approx. 254.2g (Batteries and probe included)
- * Power supply: 3*1.5V AAA battery



BE860

ACCESSORIES

Standard Accessories:

- * 1 x 10mm, 5MHz Transducer (BE850),
- * 1 x 10mm, 5MHz Transducer, 1x 6mm, 5MHz Transducer (BE860)
- * 1 x 4mm Sample Block
- * 1 x 50ml Bottle of Coupling Agent (ship by couriers, the coupling agent will be take out)
- * 1 x Operating Manual
- * 3 x AAA Alkaline Batteries
- * Standard Factory Package

Optional Accessories:

- * 1x 10mm, 2.5MHz transducer (BE850)
- * 1 x 10mm, 2.5 MHz transducer (BE860)



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