

Warranty

**24**  
Months

Included



Battery

Included



ultrasonic system

Included



Calibration Tool

### Technical Highlights:

- **External Sensor** to access the test object easily
- **Accuracy: 0.5 %** of the measured value + 0.1

Size: L 161 x B 69 x H 32 mm;  
Weight: 250 g

Selectable  
**measuring units:**  
mm, inch



### Auto-Power-Off Function

**External sensor** for better access to the test object (Cable length: 1 m)

**Power supply** 4 x 1.5V AA Batteries

**Control plate** for calibration included

**TB 200-0.1 US-red** can only analyse these materials steel, cast iron, aluminum, red copper, brass, zinc, quartz glass, polyethylene, pvc, gray cast iron, nodular cast iron.

Delivered in a **hard carrying case**

### Accessories:

- **External Sensor 6 MHz ø 6 mm for thin material probes:** Measuring range (steel) 1.0 – 50.0 mm

### ATB-US 01

- **External Sensor 5 MHz ø 12 mm for hot (temperature) probes:** Measuring range (steel) 1.0 – 225.0 mm at normal temperatures; 4.0 – 100.0 at operating temperatures up to 300 °C

### ATB-US 02

| Model             | Sensor        | Sound velocity   | Range        | Resolution | ISO Calibration Certificate |
|-------------------|---------------|------------------|--------------|------------|-----------------------------|
| TB 200-0.1 US     | 5 MHz ø 10 mm | 500 – 9000 m/sec | 1,0 - 200 mm | 0,1 mm     | CT 500m                     |
| TB 200-0.1 US-red | 5 MHz ø 10 mm | —                | 1,0 - 200 mm | 0,1 mm     | CT 500m                     |

### Thickness Type & Applications



**Ultrasonic: US**

**any hard materials**  
e.g.: glass, steel



**Materials that can be measured:** Any hard material, including steel, cast iron, aluminium, red copper, brass, zinc, quartz glass, polyethylene, PVC, Gray cast iron,

homogeneous plastics, nodular cast iron and other materials.

**Applications:** Used for measuring thickness corrosion of pressure vessels,

chemical equipment, boiler, oil storage tanks, etc. Mainly applied in the petroleum, shipbuilding, power station and machine manufacturing industries.