

Ultrasonic Thickness Gauge Model UDM – 750



UDM-750

■ Features

- * A handy type gauge, high precision of 0.01mm unit.
- * Selectable thickness unit mode, metric or English.
- * Plenty of functions and optional probes.

■ Applications

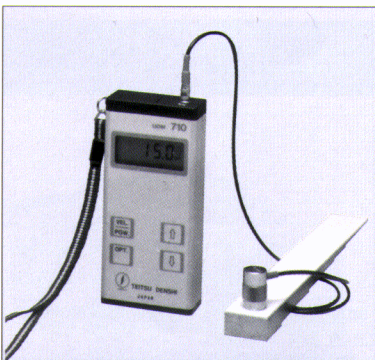
High level maintenance inspection of every plant equipment, at a temperature range from room to higher. Thickness gauging, velocity determination and laminar defect detection of various products and materials, in precision.

■ Specifications

- ① Measuring range and accuracy 0.8mm ~ 250mm, $\pm 0.02\text{mm} \sim \pm 0.5\%$ (steel)
- ② Velocity range 500 ~ 9,999m/sec
- ③ Thickness unit Selectable, metric or English unit
- ④ Power supply DC 1.5V(SUM-3 alkaline battery – 1pc)
Operating time : 170 hours or more
- ⑤ Dimensions and weight W66 × H140 × D28mm, Main unit : 270g approx.
- ⑥ Optional probe Specialized for small dia pipe, cast iron, high temperature, thin plate and under water.

For use of coated steel plates

Ultrasonic Thickness Gauge Model UDM – 710



UDM-710

■ Features

- * Thickness gauging of base steel in coated steel plates from coating surface.
- * Automatic zero alignment.
- * Very stable gauging by simple operation.

■ Applications

Thickness gauging of coated steel plates for anti-corrosion, including hulls, tank lorries, construction machineries, bridges, reservoirs, pressure vessels and large diameter pipings for thermal/hydraulic power generation.

■ Specifications

- ① Measuring technique Pulse echo technique(single crystal probe)
- ② Measuring range and accuracy 1.0mm ~ 200.0mm, $\pm 0.1\text{mm} \sim \pm 0.5\%$ (steel)
- ③ Velocity range 500 ~ 9,999m/sec
- ④ Applicable coatings Epoxy, Tar epoxy, Glass flakes, FRP, Zinc paint etc.
- ⑤ Power supply DC 1.5V(SUM-3 alkaline battery – 1pc)
Operating time : 330 hours or more
- ⑥ Dimensions and weight W66 × H140 × D28mm, Main unit : 290g approx.

Corroded area detector certified by KHK (Association for Safety Technique of Dangerous Objects)

Ultrasonic Thickness Gauge Model UDM – 720



UDM-720

■ Features

- * Thickness gauging of base steel in coated steel plates from coating surface.
- * Automatic zero alignment.
- * Very stable gauging by simple operation.

■ Applications

Thickness gauging of bottom plates in tanks to store / reserve oil products, as well as coated steel plates for anti-corrosion, based on the detector function certified by the KHK.

■ Specifications

- ① Display Liquid crystal digital display with EL back light
- ② Measuring technique Pulse echo technique(single crystal probe)
- ③ Measuring range and accuracy 1.0mm ~ 200.0mm, $\pm 0.1\text{mm} \sim \pm 0.5\%$ (steel)
- ④ Velocity range 500 ~ 9,999m/sec
- ⑤ Applicable coatings Epoxy, Tar epoxy, Glass flakes, FRP, Zinc paint etc.
- ⑥ Power supply DC 1.5V(SUM-3 alkaline battery – 1pc)
Operating time : 25 hours or more
- ⑦ Dimensions and weight W66 × H140 × D28mm, Main unit : 290g approx.
- ⑧ Optional function Data output, Data logger