

## Ultrasonic Thickness Gauge Model UDM-1300



# UDM-1300

### ■ Features

- \* Easier thickness gauging of casting products.
- \* Measurable at as-cast surface.
- \* Applicable to estimation of graphite spheroidizing rate.

### ■ Applications

Thickness gauging of gray cast iron and nodular graphite cast iron products.  
Thickness gauging of automobile parts, construction machinery parts, water-supply pipes, reservoirs, pressure vessels and large diameter pipes.

### ■ Specifications

- ① Measuring technique ..... Pulse echo technique (single crystal probe)
- ② Measuring range and accuracy ..... 2.5mm ~ 200.0mm,  $\pm 0.1\text{mm} \sim \pm 0.5\%$
- ③ Velocity range ..... 500 ~ 9,999m/sec
- ④ Power supply ..... DC 1.5V (SUM-3 alkaline battery-1pc)  
Operating time : 14 hours or more
- ⑤ Dimensions and weight ..... W66 × H140 × D28mm, Main unit : 290g approx.

## Ultrasonic Thickness Gauge Model UDM-950



# UDM-950

### ■ Features

- \* High precision gauging with 0.001mm unit.
- \* Wide functions being worthy of three thickness gauges.
- \* Providing with output terminal for monitoring of gauging patterns.

### ■ Applications

High precision thickness gauging and velocity determination of thin sheet metal, glass, plastic, film and ceramic products, used in nuclear power, aircraft and automobile industries.

### ■ Specifications

- ① Measuring technique ..... Pulse echo technique with single crystal probe (B-B, S-B, T-B selectable)
- ② Measuring range and accuracy ..... 0.25mm ~ 99.99mm,  $\pm 0.002 \sim \pm 0.01\text{mm}$  (steel)
- ③ Velocity range ..... 500 ~ 19,999m/sec
- ④ Power supply ..... DC rechargeable (AC 100V)  
Operating time : 8 hours or more.
- ⑤ Dimensions and weight ..... W185 × H108 × L217mm, 2.5kg approx.

## Ultrasonic Thickness Gauge Model UDM-1000



# UDM-1000

### ■ Features

- \* Very stable gauging by simple operation.
- \* Unique noise reduction system.
- \* Easy-to-operate probe with reasonable price.

### ■ Applications

Thickness gauging and unbonding detection of reservoirs, ducts, pipes, tires and conveyor belt, made from FRP, resin and rubber, as well as resin/casting products used in aircrafts, ships and automobiles.

### ■ Specifications

- ① Measuring technique ..... Pulse echo technique (single crystal probe)
- ② Measuring range and accuracy ..... 1.0mm ~ 100mm,  $\pm 0.1\text{mm}$  (FRP)
- ③ Velocity range ..... 500 ~ 9,999m/sec
- ④ Power supply ..... DC rechargeable (AC 100V)  
Operating time : 10 hours or more
- ⑤ Dimensions and weight ..... W185 × H108 × L217mm, Main unit : 2.5kg approx.