For use of FC and FCD casting products

# Ultrasonic Thickness Gauge Model UDM - 1300



#### Features

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

#### Applications

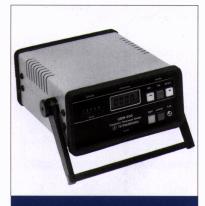
Thickness gauging of gray cast iron and nodular graphite cast iron products. Thickness gauging of automobile parts, construction machinery parts, water-supply pipes, reservoirs, pressure vessels and large diameter pipes.

#### Specifications

- ①Measuring technique ......Pulse echo technique (single crystal probe)
- 2 Measuring range and accuracy  $\cdots 2.5 \text{mm} \sim 200.0 \text{mm}, \pm 0.1 \text{mm} \sim \pm 0.5\%$
- ③Velocity range  $\cdots 500 \sim 9,999 \text{m} / \text{sec}$

For use of high precision gauging

# 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

- ①Measuring technique ······Pulse echo technique with single crystal probe (B-B,
  - S-B, T-B selectable)
- ②Measuring range and accuracy  $\cdots 0.25$ mm  $\sim 99.99$ mm,  $\pm 0.002 \sim \pm 0.01$ mm (steel)
- Power supply ......DC rechageable (AC 100V)

For use of high attenuation materials

# Ultrasonic Thickness Gauge Model 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 conveyer belt, made from FRP, resin and rubber, as well as resin / casting products used in aircrafts, ships and automobiles.

#### Specifications

- ①Measuring technique ······Pulse echo technique (single crystal probe)
- ②Measuring range and accuracy  $\cdots 1.0$ mm  $\sim 100$ mm,  $\pm 0.1$ mm (FRP)
- ③Velocity range .......500 ~ 9,999m ∕ sec
- 4) Power supply ......DC rechargeable (AC 100V)

Operating time: 10 hours or more

⑤Dimensions and weight ......W185 × H108 × L217mm, Main unit : 2.5kg approx.