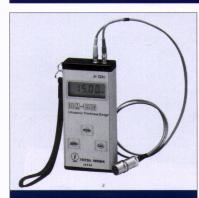
# LINE-UP OF HANDY TYPE ULTRASONIC THICKNESS GAUGE

Exclusive use for SS steel

# Ultrasonic Thickness Gauge Model UDM - 450S



**UDM-450S** 

#### Features

- \*A handy type gauge, very simple operation and compact.
- \*Zero alignment without test block.
- \* Unique four-figure display.

#### Applications

Maintenance inspection of plant equipments including steel reservoirs, pipings and pressure vessels. Thickness gauging of mid sections in heavy plate and end plate, where gauging by vernier calliper or micrometer is not permissible.

#### Specifications

- ① Measuring range and accuracy  $\cdots$  1.0mm  $\sim$  99.95mm,  $\pm$  0.1mm(steel)
- ② Velocity range ······ 5,920m/sec fixed (in steel)
- ③ Power supply ...... DC 1.5V(SUM-3 alkaline battery 1pc)
  - Operating time: 250 hours or more
- $\stackrel{\smile}{4}$  Dimensions and weight  $\stackrel{\smile}{\cdots}$   $\stackrel{\smile}{W66} \times \stackrel{\smile}{H140} \times D28$ mm, Main unit : 290g approx.

## General use (thickness unit of 0.1mm)

# Ultrasonic Thickness Gauge Model UDM - 550 plus one



DM - 55

#### Features

- \*A universal type gauge with built-in  $\mu$ CPU.
- \*Zero alignment by a single motion of key pressing.
- \* Selectable gain with two step control.
- \*A variety of optional probes.

#### Applications

Thickness gauging, velocity determination and laminar defect detection of various material products of steel, cast iron and nonferrous materials, as well as plastics and glass.

Maintenance inspection of every plant equipment, at a temperature range from room to higher.

#### Specifications

- ① Measuring range and accuracy ....... 0.7mm  $\sim$  250.0mm,  $\pm$  0.1mm  $\sim$   $\pm$  0.5%(steel)
- ② Velocity range ...... 500 ~ 9,999m/sec
- Operating time: 300 hours or more
- ⑤ Optional probes ...... Specialized for small dia pipe, cast iron, high temperature, thin plate and under water.

### Data-logger built-in type

# Ultrasonic Thickness Gauge Model UDM - 570DL



JDM-570DL

#### Features

- \* Capable of data acquisition for 6,400 points maximum.
- \* Allowing operator to make comparative gauging with previous data.
- \* Easy to read due to large LCD display and back light.
- \* Up-graded version of UDM-550 plus one, by addying built-in data logger.

#### Applications

Thickness gauging, velocity determination and laminar defect detection of various material products of steel, casting and nonferrous materials, as well as plastics and glass.

Maintenance inspection of every plant equipment, at temperature range from room to higher.

## Specifications

- ② Velocity range  $\cdots 0 \sim 16,000$ m/sec
- ③ Power supply ...... DC 3V(SUM-3 alkaline battery 2pcs)
  - Operating time: 110 hours or more
- 4 Dimentions and weight  $\cdots \overrightarrow{W70} \times \overrightarrow{H155} \times D28$ mm, Main unit : 370g approx.
- (5) Capacity of data-logger ..... 6,400 points
- ⑥ Data input and output ...... RS-232C(Capable of data exchange with PC-98 or IBM
  - computer using attached cable and software)
- ① Optional probes ...... Specialized for small dia pipe, cast iron, high temperature and thin plate.