

B-2108

**WESS GLOBAL, INC.**  
Beyond Measurement

**WESS**  
measurement

**WESS GLOBAL, INC.**

B-8F, Ace high-tech city, 10 Baekseokgongdan 1-ro, Seobuk-gu, Cheonan, 31094, South Korea

TEL +82-41-584-8820 FAX +82-41-584-8840

[www.wessglobal.com](http://www.wessglobal.com) [mt@wessglobal.com](mailto:mt@wessglobal.com)

WESS GLOBAL, INC.  
[www.wessglobal.com](http://www.wessglobal.com)

**WESS**  
**WESS**  
**measurement**

### ENV200-C

The ENV200-C is a non-contact type measuring instrument. It measures the density of fluid sludge flowing through the pipes. With our world first Clamp-on type density sensor which obtained a patent in the US and China, ENV200-C has been supplied various industries all over the world.

#### Features

- NOT constrained by abrasion, adhesion and corrosion of any fluids
- NO sensor cleaning
- NO maintenance cost
- NO by-pass line
- Applicable pipe size
  - Steel: DN50 ~ 300
  - Plastic: DN50 ~ 600

#### Applications

- WWTP
- Drinking water plants
- Power plants
- Pulp & Paper mills
- Steel mills
- F&B Factories



Controller



Clamp-on Sensor



### ENV200-S

The ENV200-S is a contact type conventional measuring instrument. It measures the density of fluid sludge flowing through the pipes. The ultrasonic sensors and the pipe section are integrated.

#### Features

- Stable & continuous measurement
- Adopted enhanced signal control algorithm (EEAM)
- Supplied with drain valve and air ventilator
- Applicable pipe size: DN50 ~ 600

#### Applications

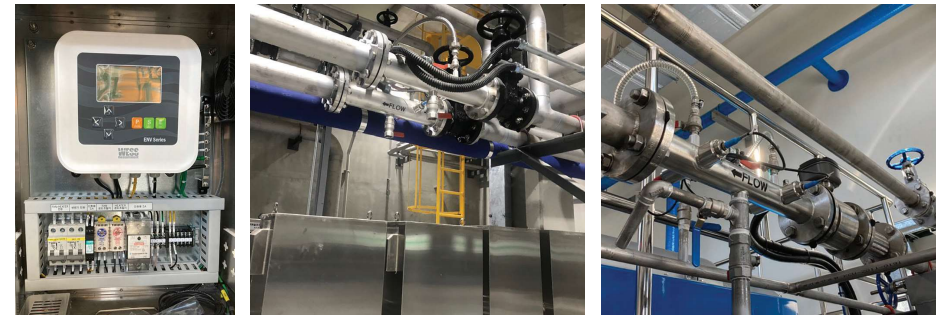
- WWTP
- Drinking water plants
- Power plants
- Pulp & Paper mills
- Steel mills
- F&B Factories



Controller



Spool-piece sensor



### ENV120

The ENV120 utilizes enhanced ultrasonic technology to measure the sludge blanket level in various types of clarifiers, settling tanks and thickeners with superior accuracy and reliability.

#### Features

- Implementation superior signal control and tracking algorithms
- Measurement any density of sludge with multiple frequencies
- New algorithm filtering moving scrapers
- Less maintenance through automatic sensor cleaning system
- High temp. & chemical resistive sensors

#### Applications

- WWTP
- Drinking water plant
- Industrial waste water treatment plants (Power plant, Steel mill, Semiconductor, Petrochemical, Food & Beverage)



Controller



Sensors



Sensor Cleaning Device



Sensor protection device for scraper & skimmer passage



### LEV100 SERIES

The LEV100 Series utilizes enhanced non-contact ultrasonic technology to measure liquid level in various applications with superior accuracy and reliability.

#### Features

- Possible for controlling 2 sensors simulation
- Various types of sensors depending on measuring range (10m, 15m and 30m)
- Real-time monitoring with 4 screens
- Algorithm filtering abnormal signals

#### Applications

- Rivers, reservoirs and dams
- WWTP
- Drinking water plants
- Various storage tanks
- Industrial water treatment plants - Power plant, Steel mills, Semiconductor, Petrochemical and F&B factories



Controller

Single Channel / Dual Channel



Sensors

