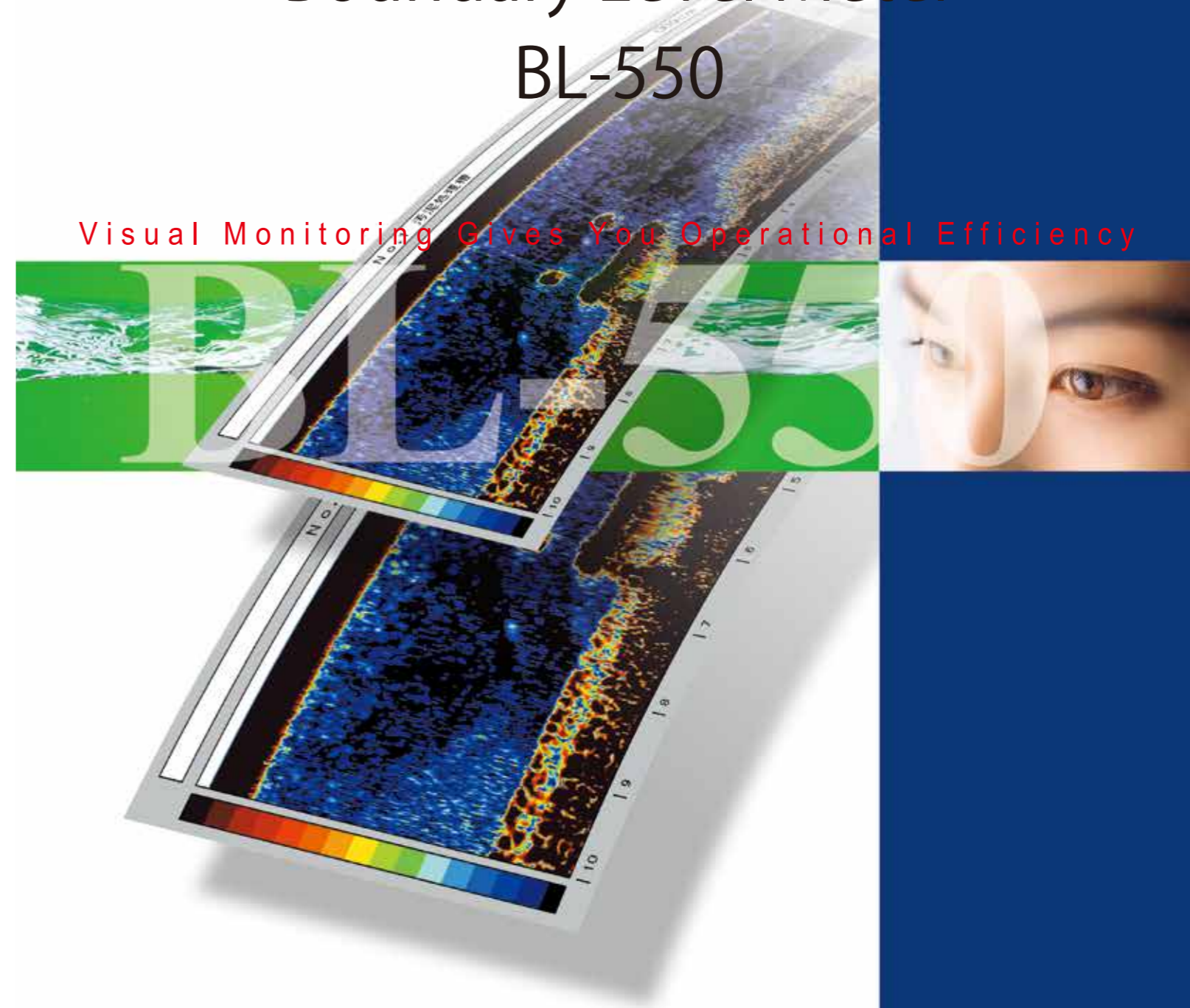


Ultrasonic pulse-echo technique
Boundary Level Meter
BL-550

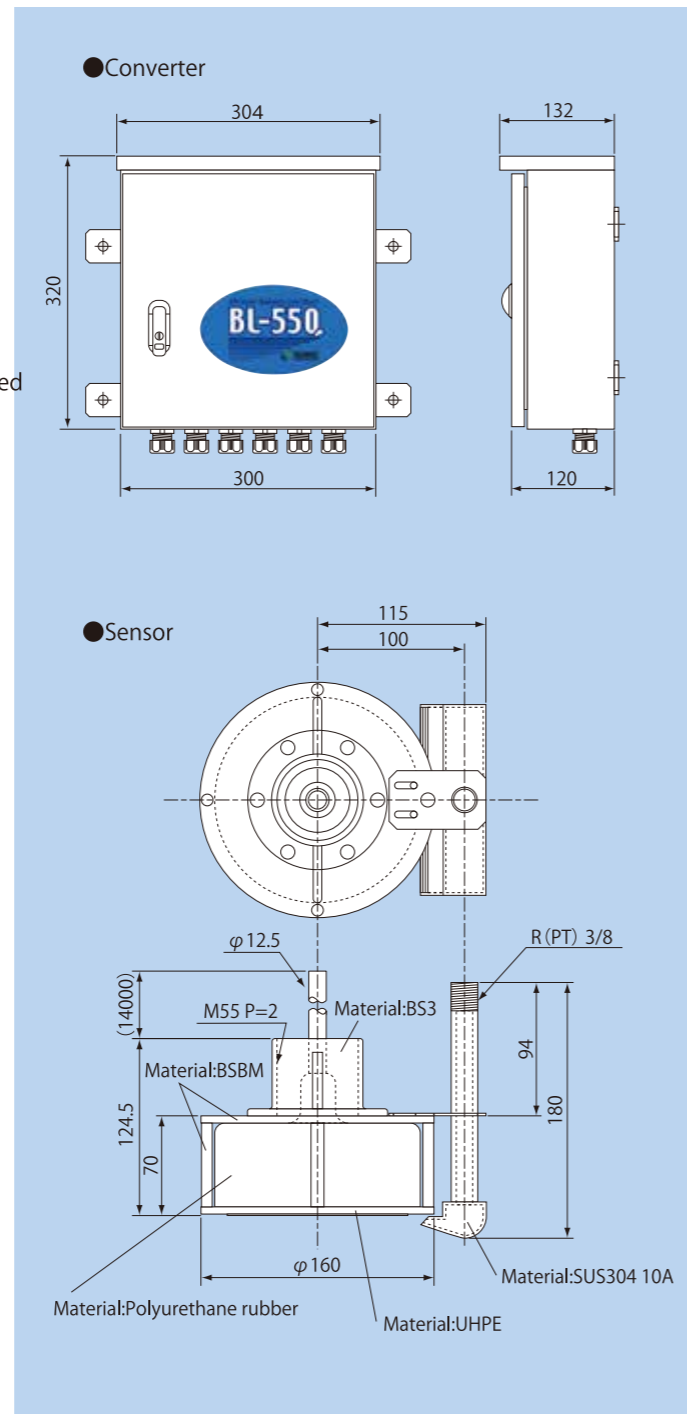
Visual Monitoring Gives You Operational Efficiency



Specification

- Converter
 - Model : BL-550 Converter
 - Measurement method: Ultrasonic pulse-echo technique
 - Measurement range : 0 (+dead band) ~10m, dead band = 30cm
 - Accuracy : ±1cm (in-house evaluation)
 - System control : Controlled by CPU
 - Detection period : Once or twice per second
 - Display : LCD Display (16 x 2)
 - Output : Boundary level, 4-20mA analog output
: Boundary alarming,
(upper/lower limit relay type output)
: Contact output once sensor signals are missed
: Data for image monitoring
 - Input : 4-20mA analog input
as position correction information
 - Operating condition : Temperature -10 ~ +40°C (no freezing)
: Humidity 20 ~ 80% (no condensation)
 - Power supply : AC100V, 115V, 220V, 50/60Hz
 - Power consumption : 10VA
 - Dimensions : 304W x 320H x 135D (except convex part)
 - Housing material : Stainless (SUS304)
 - Protection grade : IP44
 - Weight : 8.2Kg
- Sensor
 - Model : T-129 type transmitter/receiver
 - Structure : Resin mold, water-proof
(include bracket and cleaning nozzle)
 - Frequency : 200kHz
 - Weight : 7kg
 - Ambient temperature : -5 ~ +60°C
 - Cable length : 14m (2 core shield flexible cable)

Dimensions



CAUTION FOR SAFETY: Please read surely INSTRUCTION MANUAL before operating
 ●Specification is subject to change without prior notice for improvement.



Seaquential measurement without disturbance of the boundary ! Real-time monitoring system displays contents of the tank

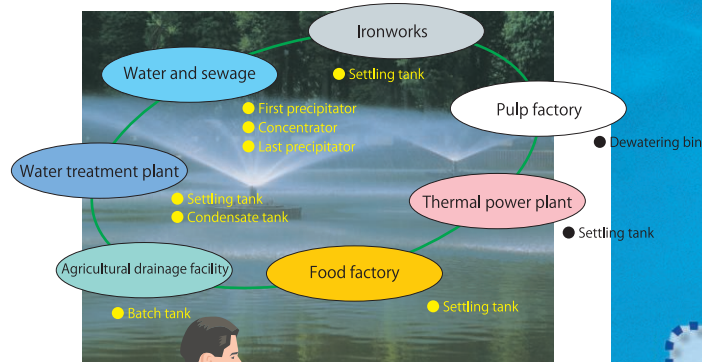


■ Features

- Faster response to a change in boundary
- Continuous measurement without disturbance
- Less mechanical parts, easy maintenance
- Real-time monitoring with images

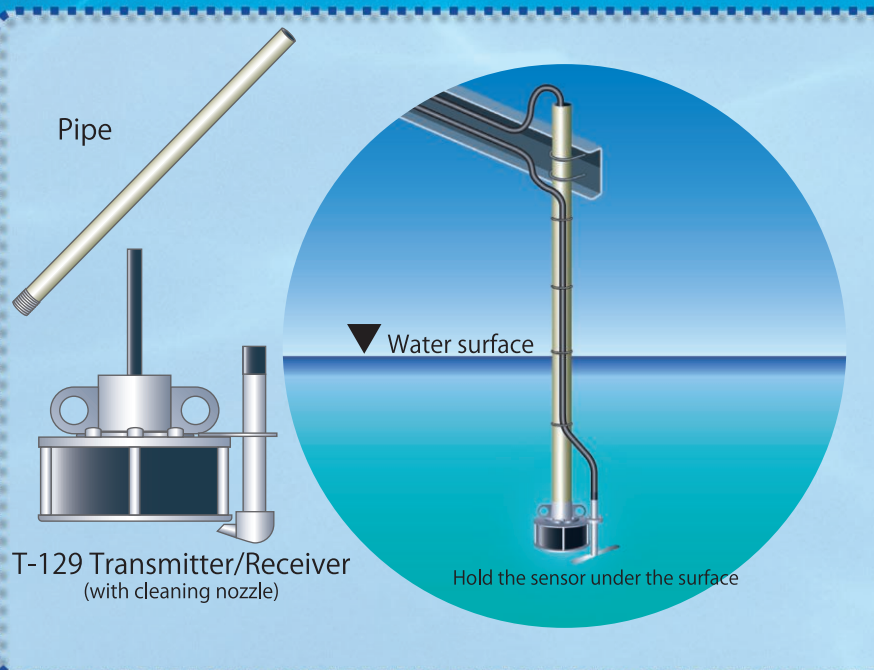
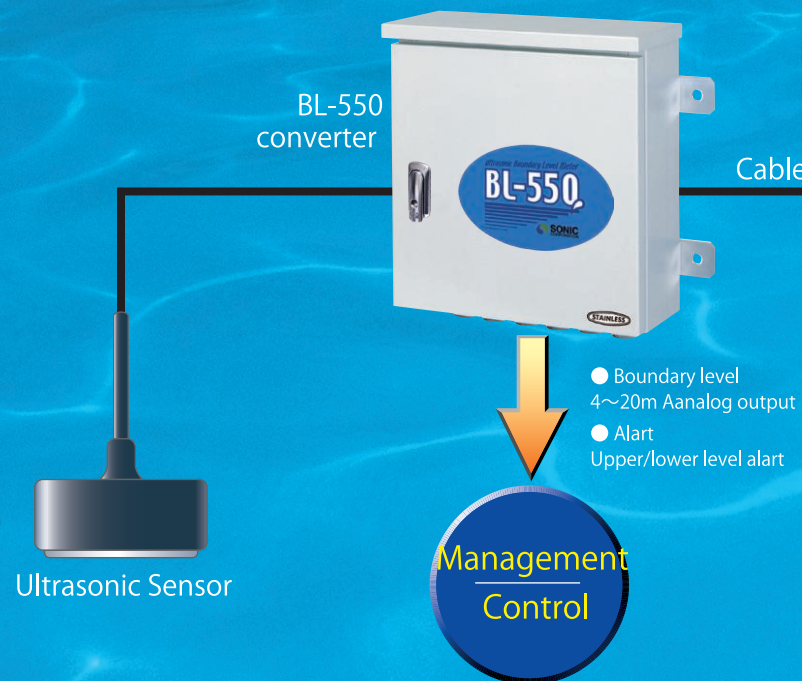
■ Applications

- Boundary level monitoring at water treatment plant
 - Sludge monitoring, control and management
 - Carry over protection
- Iron and steel, automobile, chemical, pulp and food
 - Settling tank and separation tank drain control



Ultrasonic Boundary Level Meter
BL-550

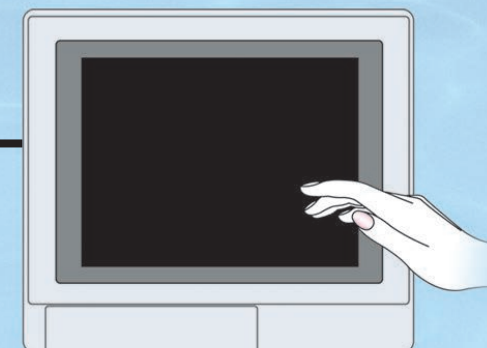
Boundary level monitoring



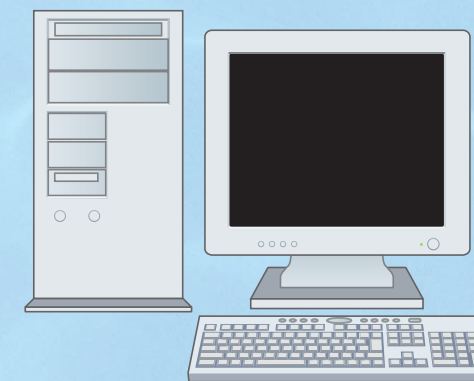
Viewer system

Option

Touch panel monitor

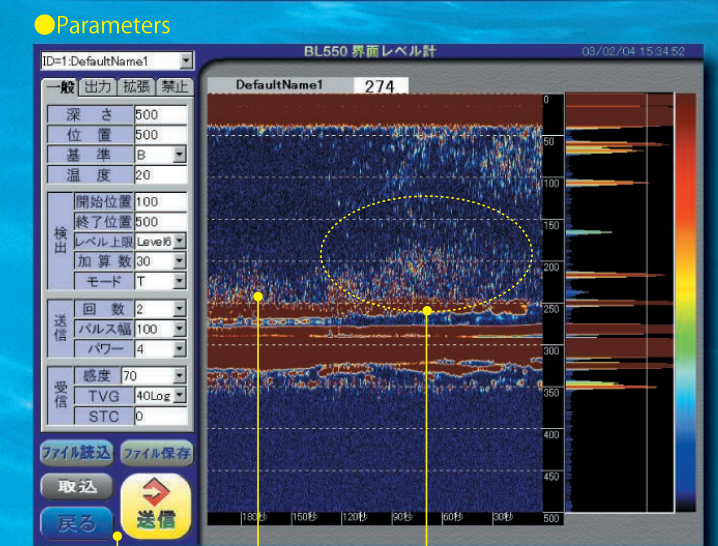


Easy control with touch panel !



Desktop PC (Dedicated interface)

Tank monitoring



Configuration panel Sludge layer Rolling up

Maximum 8 channels connection

