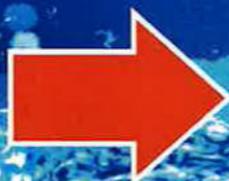


4-Parameters Water Quality Monitors Instrumentation

PH, Conductivity, Turbidity, Chlorine



Usage



Water purification plant



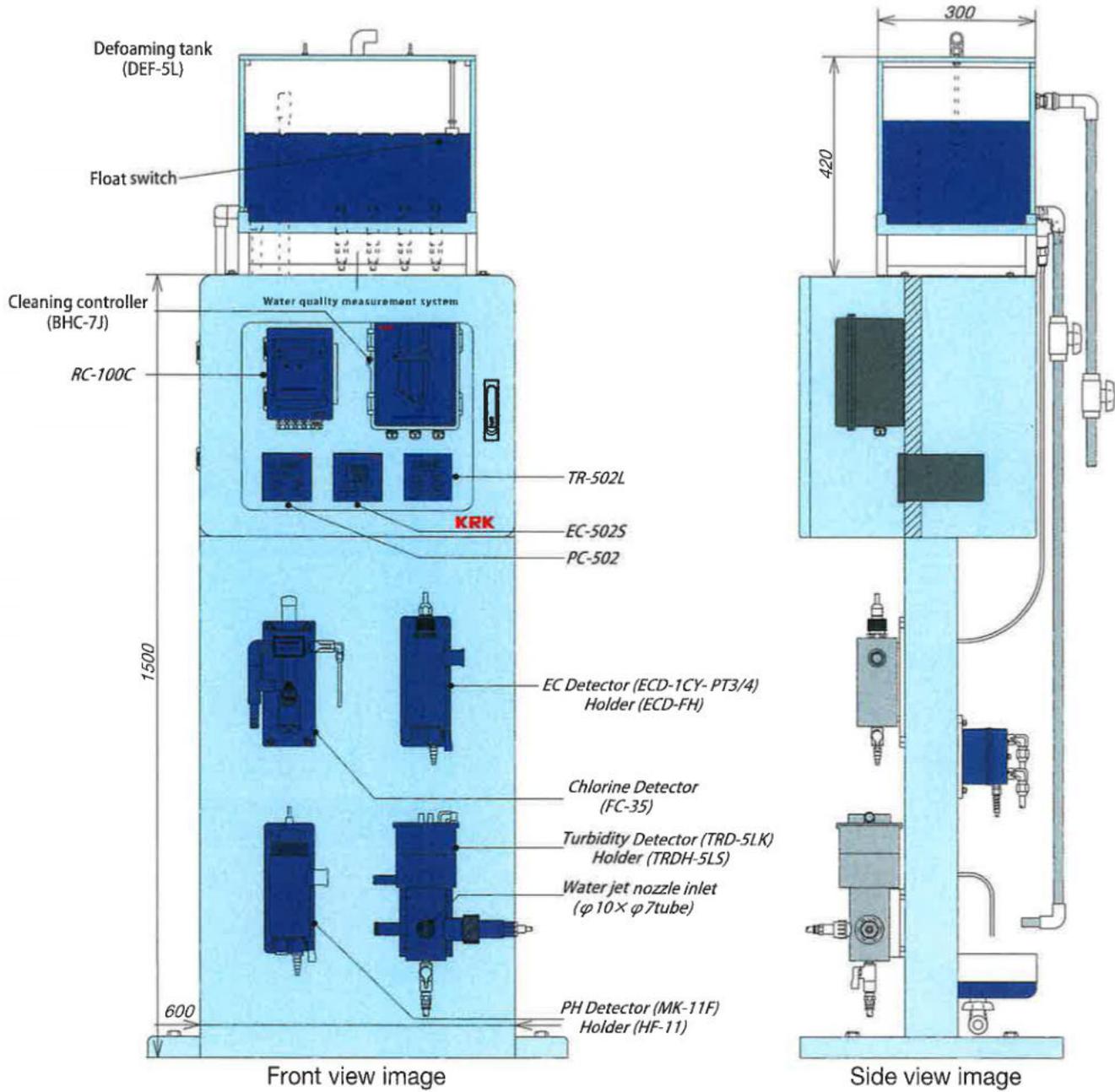
Drinking Water



Swimming pool

Instrumentation Image

4-Parameters Water Quality Monitors Instrumentation



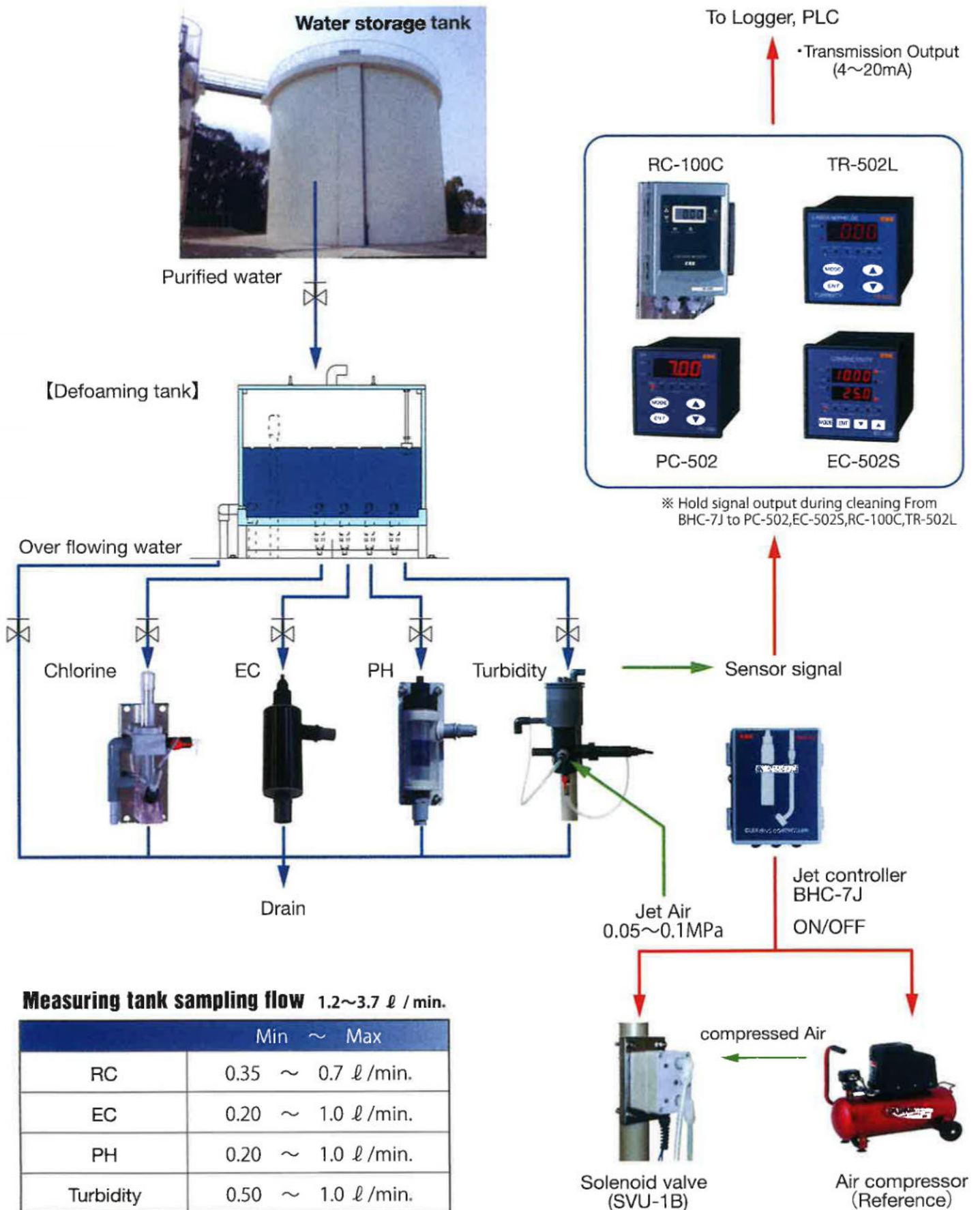
Instrumentation Image

Jet Air Cleaning System for Turbidity Detector

Jet Cleaning tank inside view	Measuring tank Inside View (TRDH-5LS)	Solenoid Valve Unit (SVU-1B)	Air compressor For Jet Cleaning
<p>Drain</p> <p>Open piping</p> <p>From Defoaming Tank (VU-100)</p> <p>Sample inlet</p> <p>Jet nozzle</p> <p>Air-bubbles out</p> <p>Turbidity Measuring Tank</p>	<p>Beam trap</p> <p>Laser beam</p> <p>Detector</p> <p>Jet nozzle</p> <p>φ10×φ7 tube</p> <p>Turbidity Measuring Tank</p>		<p>(Reference)</p>

4-Parameters Water Quality Monitors Instrumentation

Measuring Diagram Image



4-Parameters Water Quality Monitors Instrumentation



Turbidity



PH



Conductivity



Chlorine

Monitor Specifications

Measuring Items	Model	Principle	Range	Accuracy	Resolution
Turbidity	TR-502L	Laser Scattered light	0.00~20.00NTU	Within±3%F.S.	0.01NTU
PH	PC-502	Glass Electrode	0~14.00PH	Within±1%F.S.	0.01PH
Conductivity	EC-502S	AC 2 Pole Electrode	0~5000µS/cm	Within±3%F.S.	1µS/cm
Temperature	EC-502S	Thermistor	0~100°C	Within±1%F.S.	0.1°C
Chlorine	RC-100C	Polaro-3-Electrode	0~3.00mg/L	Within±5%F.S.	0.01mg/L

Detector & Measuring Tank Specifications



**Turbidity
TRDH-5LS**



**Conductivity
ECD-FH**

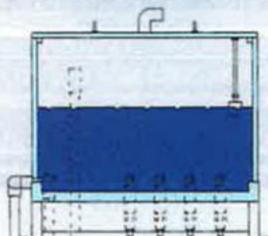


**PH
HF-11**



**Chlorine
FC-35**

Measuring Items	Model	Holder	Cable length
Turbidity	TRD-5LK	TRDH-5LS (With jet nozzle)	5m(Std.)
PH	MK-11 F	HF-11 (Flow type)	5m(Std.)
Conductivity	ECD-1CY-PT3/4	ECD-FH (Flow type)	5m(Std.)
Chlorine	RE-22B	FC-35 (Small Flow type)	5m(Std.)



**for Multi-Items Water Quality Monitor
DEF-5L**



**Jet Cleaning Controller
BHC-7J**



**Solenoid Valve Unit
SVU-1B**