Leak Diagnosis & Detection System

Basic idea
Leak detection sensors, set named "Flow-LOOK", are installed for a specific period or regularly for piping or affiliated facility (water valve or hydrant), analyzing the continuity, the communication reports of sonic waves to deliver diagnosis result to the smart pad; leak is detected on exclusive management software.

Specifications of the daily leak diagnosis:

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<th>Basic idea</th>
<th>Water hammer Prevention Valve</th>
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Advantage of the product
- Time saving and manpower saving
- Concentrative and motivational workers
- Very useful tool for water hammer and other water related short circuits or broken lines

Specifications

<table>
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<tr>
<th>Leak Diagnosis System</th>
<th>Leak Detection System</th>
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<td>Waterworks pipeline Plant &amp; Factory</td>
<td>Iron foundry</td>
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<td>Oil pipeline</td>
<td>I.D.C, CONTROL ROOM, ETC.</td>
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<td>Sea water</td>
<td>Detection at a boat</td>
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Specifications of the daily leak diagnosis

- Time saving and manpower saving
- Concentrative and motivational workers
- Very useful tool for water hammer and other water related short circuits or broken lines
- One person can control the large area
- All line on the data system
- English support (smartphone / server software for PC)
Surge Protection System

- **Hydraulic Transient Analysis - Safety Diagnosis**
  - An effort to impact fluid distribution system to protect possible damage. To indicate the safety of entire pump unit, the application must be made to the local authority. This system is adopted for at least some explosion of decompression gas, which is caused to the pump unit. The pipeline is designed to be more robust, the pipeline is designed to be more robust.

- **Hammer protection system**
  - When the surge signal occurs, the speed of the system is reduced to avoid any possible negative effects. At the same time, the system is designed to be more robust, the pipeline is designed to be more robust.

- **Surge Protection System with Badder**
  - Cylindrical tank. It is designed to be more robust, the pipeline is designed to be more robust.

- **Hammer Top® - All Chamber Type Surge Protection System**
  - This is the world’s first Surge Protection System which can control both up and down surges. It is designed to be more robust, the pipeline is designed to be more robust.

- **Pressure Maintaining System**
  - 100 liter, 90 liters, 65 liters, 20 liters, 10 liters, 5 liters, 2 liters. The system is designed to be more robust, the pipeline is designed to be more robust.

**World Best Technology and Patents**

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**Power Plant - District Heating Power Plant**

- **Pressure Maintaining System**
  - The operation condition and Pressure Maintaining System to secure 3.5 Mpa of Harmer of water in the 1st thermal gas system of the thermal gas system of the CHP plant. The N2 gas is emitted from the N2 generator in a system. In the tank controlling room, temperature measurement and automatic operation valve is installed. The tank controlling room in the condition of sealing in operating air pressure system even for variable operation in any energy.

**Supply Performance**

- **Excellent procurement product registration**
  - Performance certification / SMBA
  - Quality certification for excellent product
  - Official agency test results certification

**Thermal Accumulator (Storage tank)**

- In a thermal accumulator, the fluid is being stored. The storage tank is designed to be highly efficient so that the fluid can be stored in the tank and the fluid can be used when needed. The tank is designed to be more robust, the pipeline is designed to be more robust.

**On-line Corrosion Product Monitoring**

- In the Corrosion Monitoring System, the measurement of pH, conductivity, and other parameters is performed to ensure that the fluid is not being corrosive. The pipeline is designed to be more robust, the pipeline is designed to be more robust.