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The Pump Test Bench provides advanced technology to monitor and control the process of testing the pumps. The test bench is engineered for precision analysis, stress testing, pump efficiency and performance verification of various pump models.

Our testing services ensure it operates to its optimal specifications according to the pumps testing standards.



Advanced ISO 9906 Pump Testbed

Evaluating pump performance is crucial for OEMs, enabling accurate measurement of various factors including the pump head (H), power (P), and efficiency against flow rate (Q). To facilitate this, we've constructed a comprehensive pump testbed adhering to the ISO 9906 standard and meeting ISO 17025 compliance.

The testbed is equipped to assess both individual pumps and complete booster systems. Its integration of advanced software and hardware features ensures a comprehensive solution tailored to optimal testing and customization of test requirements.

The test process automation panel offers a smooth integration of LabVIEW for intuitive data analytics and Siemens PLC or NI CompactRIO system for efficient control.

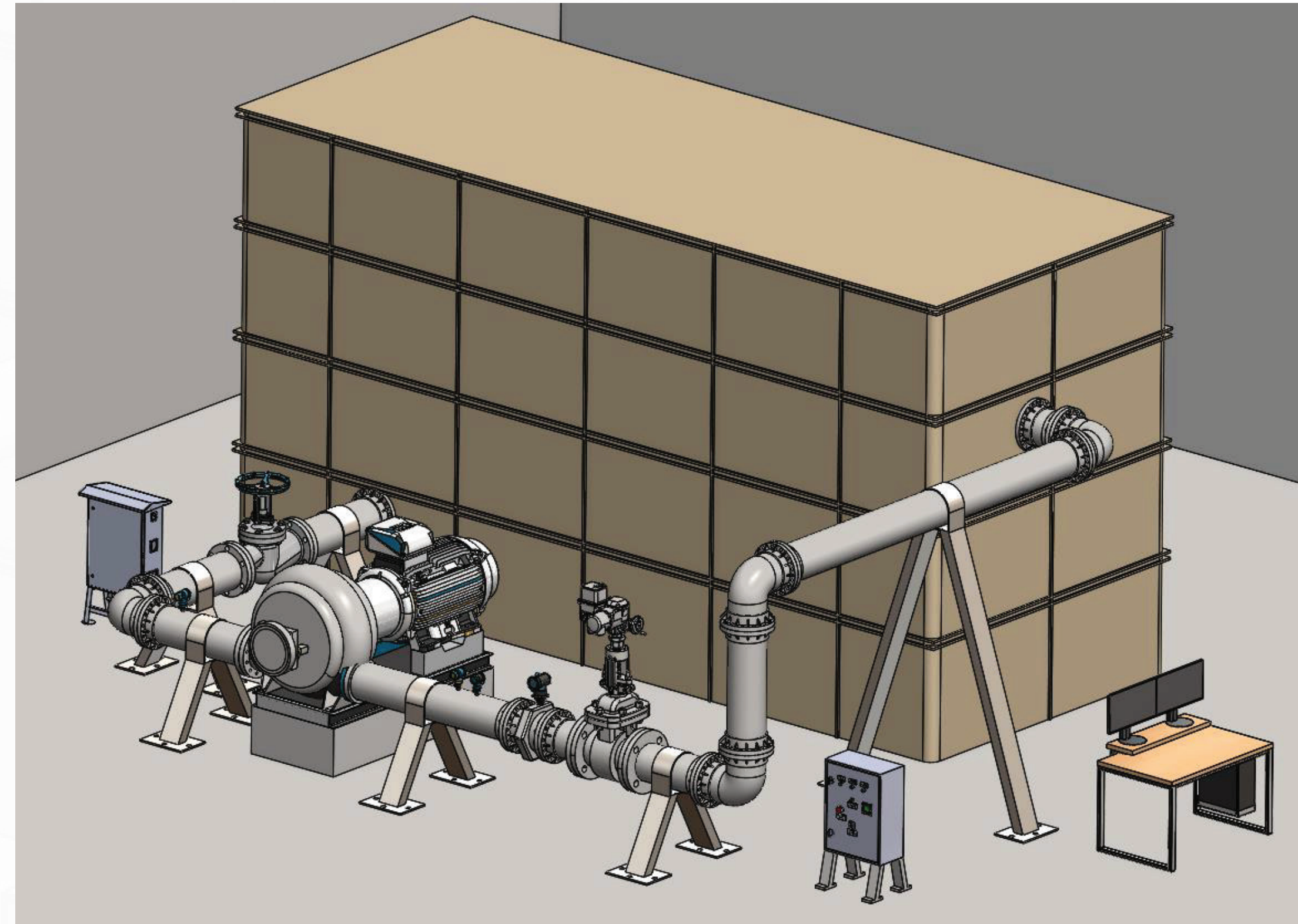
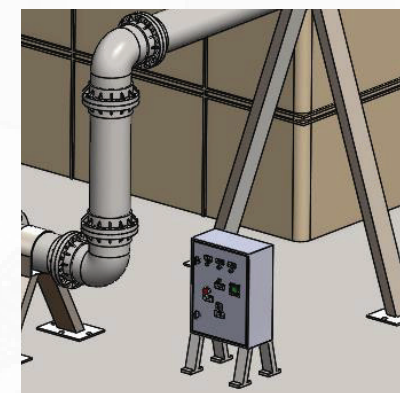
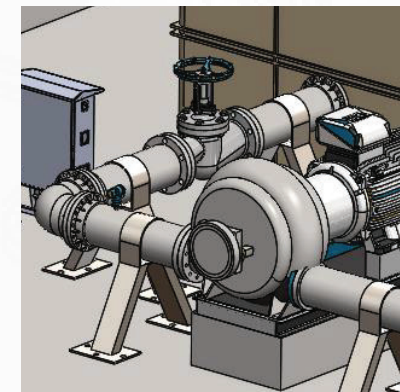
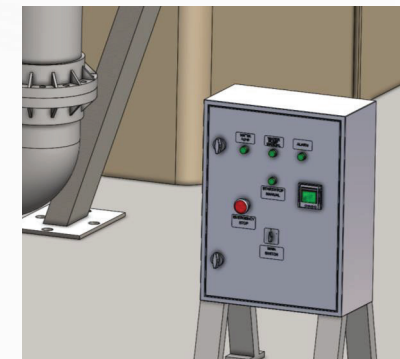
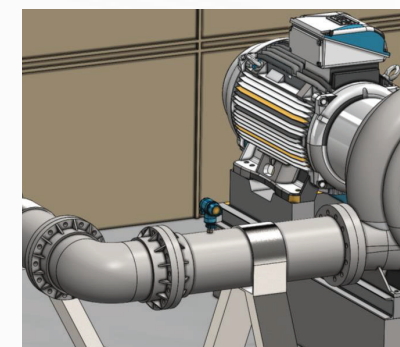
LabVIEW's user-friendly interface simplifies data insights, while Siemens ensures stable process management.

Highlighted by excellent wiring and routing, the panel ensures safety, ease of maintenance, and optimal performance.

Users enjoy enhanced productivity and are equipped for future expansion.

The testbed is capitalized on its real-time processing and customizable I/O for innovative applications.

In addition, the testbed enhance user engagement and operational efficiency with customized LabVIEW user interfaces, carefully designed for intuitive interaction and streamlined processes.



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