

Pv overvoltage prevention

This is used for conventional chemical injection in factories or oil fields, including chemical storage containers, pumps, valves and instruments, related tunbings, and electrical controls. All of these components are installed on a single enclosed skid. Conventional injection skids are widely used in onshore applications.

The purpose of the multi-point chemical injection skid is to use a single metering pump to inject different chemical agents at different injection points, flow rates, and pressures.

This type of skid is more suitable for situations where there are a large number of injection points and limited space. This product replaces multiple chemical injection devices with a single skid, reducing operating and maintenance costs and improving space efficiency.

This machine is suitable for testing the out-of-pile performance screening of piping materials used in nuclear power plants: the fatigue durability performance of test pieces under high vacuum, high temperature environment, and internal high-pressure medium. It determines whether the quality of the test piece meets the requirements based on relevant standards.

The gas internal pressure creep testing machine can control the pressure stability of two channels at different pressures and temperatures during testing. The liquid internal pressure fatigue testing machine adopts hydraulic servo control and can perform high-pressure high-frequency pulse fatigue testing. Application objects: Piping materials used in nuclear power plants. [Learn more](#) Zirconium Tube High-Temperature Burst Test Machine

This machine is mainly used for testing the maximum internal pressure that fuel cladding materials for nuclear reactors and accident-tolerant fuel cladding alloy zirconium tubes can withstand in a high-temperature vacuum environment, according to relevant standards to judge whether the quality of the test piece meets the requirements.

This test machine measures the single performance and real machine performance of sealing components, and is suitable for testing and research work on various rotary oil seals. Equipped with a high and low temperature environmental test chamber, it can achieve long-term stable high-speed rotation under static pressure and real-time detection of leakage.

The high-low temperature and high-pressure sealing assessment test platform is equipped with high and low-temperature environmental test boxes, and can realize alternating internal pressure, linear reciprocating motion, and real-time detection of leakage.

As a long-term supplier of testing equipment for one of China's top 5 national-level automotive

laboratories, FST has many years of experience in R& D and manufacturing of automotive component testing equipment. At the same time, FST has a long-term cooperation with Wuhan University of Technology, providing strong support in technology, qualifications, and markets, to ensure the sustainable and stable development of testing business.

Applicable objects: liquid-cooled plates, cooling hoses and joints, radiators, heating cores, etc. in automotive cooling systems. Applicable standards: GMW 14785, GMW 14329, GMW 18152, TL 52361, SAE J1610, GB 18948, QC/T 468, etc. [Learn more](#) Pulse Test Machine

Applicable standards: GMW16153, GMW 14192, GMW 14319, GMW3056, TL 82253, TL 82316, TL 82415, SAE J1401, SAE J2044, FMVSS106, ISO 11425, GB/T 16897, QC/T 664, etc. [Learn more](#) Permeation Testing Machine

The permeation testing machine is used to test whether the permeability of automotive cooling/fuel system hoses and quick-connect fittings meets standard requirements after long-term stable cooling/fuel circulation.

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