



SLVMR Fuel Injection Equipments

Test Stand for Woodward Governor fully suitable for EMD Locomotives as per DLW & RDSO requirements 2013

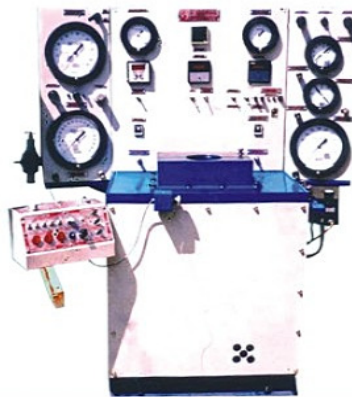
- **Computerised Model with dedicated software available**
- **Nozzle Test Stand also available**
- **Lash Adjuster Test Stand under development**

The E-2R fuel injection pump test stand is a digital flow indication test stand suitable for testing ALCO 251 and MAK series single locomotive engine cylinders. It does not have any moving parts in the flowmeter, making it the most reliable test stand.

The machine is fitted with an adequately powered AC motor and a state-of-the-art Siemens variable speed drive, together with an arrangement for the heating and cooling of calibrating oil, digital RPM and stroke counting features, a fly wheel with high moment of inertia, etc. All these ensure the closest possible calibration of the individual pump and smooth running of the engine.

In addition, SLVMR manufactures cams and cam-boxes to any specified lift and can design profiles with power, spindles, flywheels, etc.

Model WG-1 Test Stand for Woodward Governor.



SLVMR manufactures model WG-1 Test Stand for Woodward Governor. These are the most advanced governor test stands available and are equipped with digital AC drives and a number of other accessories with highly accurate measurement gauges. They provide extremely accurate settings for Woodward governors, including PG governors for railways as well as industrial and marine engines.

Model WG-1 test stands carry out testing and checking of governor pump pressure. The stands check high- and low-speed stops, solenoid and AC / DC motor speed, droop settings, oil, air or water shutdown devices and hydraulic or pneumatic speed settings. The test stands also check for limiter and load control functions, governor stability, major leakages and electric or hydraulic actuators.

10VDC to 140VDC variable power supply, a PG rail switch and a vacuum generator are the available accessories. Moreover, adaptors are available for: PG splined, serrated and keyed governors; UG40 / UG8 serrated and keyed governors and ALCO PG keyed and extended keyed governors. Computerised models are also available.

Computerised fuel injection pump test stand for ALCO locomotives.



Conventional jar-type fuel injection pump test stand.



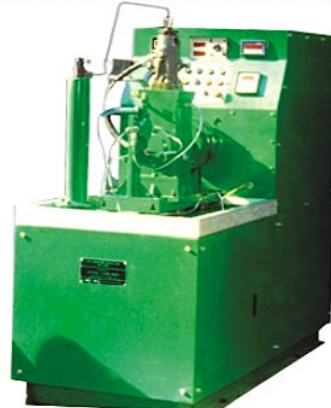
Unit injector test stand, model S-GM2, for testing GM-EMD 710 series loco engine mechanical unit injectors.



SLVMR Fuel Injection Equipments is the leading supplier of FIP (Fuel Injection Pump) test stands for ALCO and MAK locomotives, unit injector test stands for GM locomotives and Woodward governor test stands. The company also supplies unit injector spray pattern, chattering and pressure hold testers for GM locomotives.

Moreover, SLVMR supplies industrial and marine engine applications and other equipment needed for testing, adjusting and calibrating the heart of a locomotive engine.

SLVMR manufactures a variety of fuel injection pump test stands for ALCO and MAK locomotives.



SLVMR specialises in designing model S-GM2 unit injector test stands for testing the mechanical unit injectors of GM-EMD 710 series locomotive engines. These test stands are fitted with state-of-the-art Siemens AC variable speed drives, suitable for testing two unit injectors simultaneously.

The welded structure is stiffened for sturdiness and the lowest possible vibrations. It is equipped with separate lube and calibration oil systems with heating and cooling arrangements, as well as pneumatic fuel drain systems and automatic clamping and loading systems. Pneumatic models for the spray pattern, chattering and tightness checking of GM locomotive MUIs are also available.

Separate S-GM1 models, for testing one MUI at a time, are also available.

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