



# Jevol



## Suspension Testers

RST-1600/RST-1500W Series

Suspension Testers by JEVOL US presentation

# AGENDA

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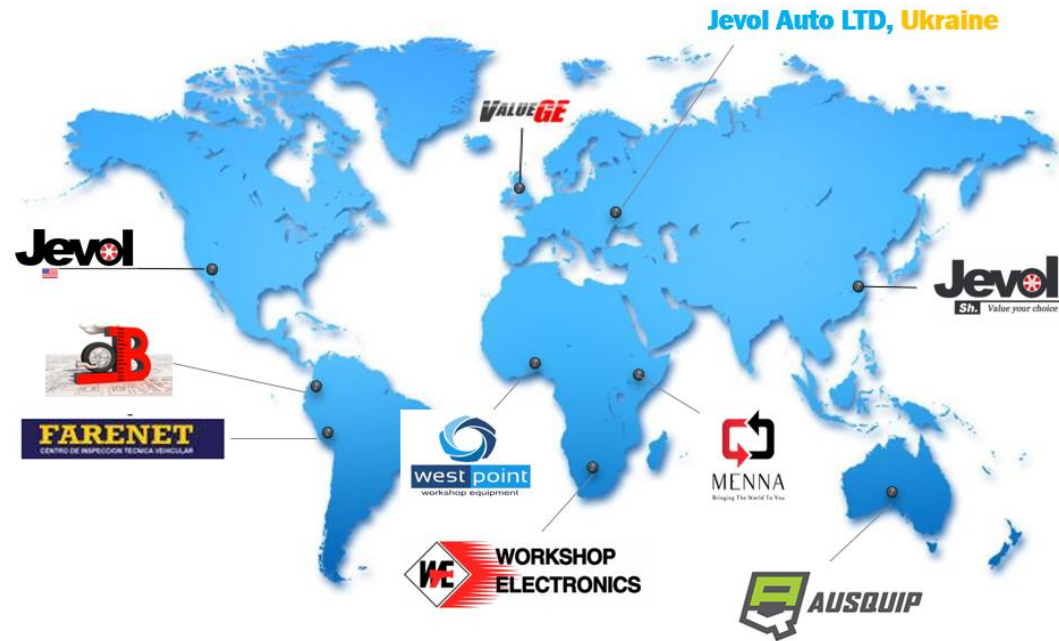
SUMMARY

SPM Logistics LLC, an American company founded in 2016, represents JEVOL vehicle inspection equipment in Southern and North America.

## INTRODUCTION

The JEVOL brand is widely recognized in countries such as the USA, Great Britain, China, Australia, Ukraine, Chili, Peru, Ghana, South Africa, Kenya.

It is mostly used in countries where state laws require periodic vehicle inspections.



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As of 2006, all JEVOL equipment hardware is produced at the company's Shanghai plant. Software is produced, researched, and developed mostly in the United States and Ukraine. Quality and accuracy of measurement are confirmed by more than 50 patents and international certificates.

About 30% of equipment produced by JEVOL factory are OEM for well-known brands in field of automotive diagnostics and testing.

The customer support team located in most of the time zones on the planet and is ready to assist at any time.

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THE ULTIMATE  
TOOL FOR  
PRECISE AND  
RELIABLE  
SUSPENSION  
DIAGNOSTICS

# Suspension Testers

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## Do you know why it is important to keep an eye on the suspension system?

The suspension system is responsible for ensuring a smooth and comfortable ride, as well as keeping you safe on the road.

In addition to safety concerns, a worn-out suspension system can also lead to increased fuel consumption.

When your suspension system is not functioning correctly, your car's engine has to work harder to compensate for the decreased performance of the suspension system. This results in lower fuel efficiency and increased fuel costs over time.

Performing regular maintenance can prevent uneven tire wear, improve fuel efficiency, and improve car handling. Don't neglect the suspension system - have it checked with a suspension tester and stay safe on the road.



JEVOL is a company that specializes in the design and production of high-quality suspension testing equipment. Our suspension testers are used by vehicle manufacturers, service centers, and testing organizations around the world.

JEVOL suspension testers are designed to provide accurate and reliable testing of a vehicle's suspension system. Our testers use advanced sensor technology and computer software to measure and analyze suspension system performance. This allows mechanics and technicians to quickly and easily diagnose any issues with the suspension system and perform necessary repairs





One of the unique features of JEVOL suspension testers is their ability to simulate real-world driving conditions. Our testers are capable of simulating a variety of road surfaces and driving scenarios, allowing mechanics to accurately test the suspension system under a range of conditions.

JEVOL suspension testers are also designed with user-friendliness in mind. They are easy to operate and come equipped with user-friendly software interfaces that allow mechanics and technicians to quickly and easily perform tests and analyze results.

JEVOL suspension testers are a top-of-the-line option for those looking for accurate and reliable suspension testing equipment. Our commitment to quality and innovation has made us a trusted name in the automotive industry, and our suspension testers are used by professionals around the world to ensure that vehicles are safe and performing at their best.





# Applicable areas

## Vehicle Service and Repair Shops

- Suspension testers are commonly used in vehicle service and repair shops to diagnose and troubleshoot issues with a vehicle's suspension system.
- By testing the suspension, mechanics can quickly and accurately identify any problems and perform the necessary repairs to ensure the vehicle is safe and performing at its best.

## Racing and Motorsports

Suspension testers are also used in racing and motorsports to fine-tune the suspension system for maximum performance. By testing and adjusting the suspension system, drivers can ensure that their vehicle handles well and performs at its best during races and competitions.

Suspension testers are an essential tool for anyone involved in the maintenance, repair, or testing of vehicles. They allow for accurate and reliable testing of a vehicle's suspension system, ensuring that it is safe and performing at its best.

## Vehicle Manufacturing

- Suspension testers are also used in vehicle manufacturing facilities to test new vehicles and ensure they meet the required safety and performance standards.

## Vehicle Testing Facilities

- Testing facilities that evaluate vehicle safety and performance also use suspension testers to ensure that the vehicles they are testing meet the required standards. This can include testing the suspension system under a range of conditions, such as varying speeds, road surfaces, and weather conditions.

# CHARACTERISTICS

| Parameter:               | Value                              |
|--------------------------|------------------------------------|
| Axle Load capacity:      | 6,500 lbs                          |
| Test frequency           | 23 Hz                              |
| Amplitude                | 0.2 in                             |
| Track                    | 34 – 86 in                         |
| Power supply:            | 110 – 220V 1.5 kWt x 2 Total 3 kWt |
| Size (L x W x H), weight | 52x 25 x 8 inches 1100 lbs         |

JEVOL suspension tester is designed to be easy to use and can be operated by a single person. It is equipped with safety features, such as overload protection and emergency stop buttons, to ensure safe and reliable operation. The tester is also built with high-quality materials to ensure durability and longevity, even under heavy use.



# EASILY OPERATED SOFTWARE

Introducing our revolutionary user-friendly software for suspension diagnostics! Our innovative tool provides you with precise and reliable diagnostic results, and our easy-to-use software makes the process simple and straightforward. With our tool, you can easily generate printed reports for your records or to share with customers.

## Features of the software include:

- Animated steps to visualize the test process
- A custom report with your company's logo

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Discover our versatile suspension testers available in two options: industrial PC or laptop version.

Whether you prefer a sturdy and reliable industrial PC or the convenience of a laptop, our suspension testers will provide you with precise and accurate results every time.

With our industrial PC option, you'll have a durable and robust device that can withstand even the toughest working conditions, while our laptop version offers a lightweight and portable solution for on-the-go diagnostics.

Whatever your control system preference, our suspension testers are the perfect tool for evaluating the performance of any suspension system.

In terms of installation, there are two types of suspension testers

#### **Flush mount tester**

Drive through  
with no stops

#### **Surface mount tester**

Concrete work is  
not required

**Both kinds have the same accuracy. While one is faster to install, the other is faster and more comfortable to drive through.**





# SUMMARY

JEVOL Suspension testers are diagnostic tools used to evaluate the performance of a vehicle's suspension system.

Our testers use sensors to measure the deflection, rebound, and oscillation of the suspension, providing valuable information on its condition and performance. The results obtained from a suspension tester can be used to identify any potential issues with the suspension system and take corrective measures to improve its performance.

JEVOL suspension testers also offer additional features, such as printing reports or exporting data for further analysis. Overall, suspension testers are essential tools for anyone involved in vehicle maintenance and repair, as they can help ensure the safety and performance of a vehicle's suspension system.

**We can improve road safety and save nature together by optimizing the processes that shouldn't be ignored.**



# THANK YOU

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