



Exclusively represented by SPM Logistics LLC
2535 Kettner Boulevard, San Diego, California 92101,
United States
Phone: 858 800 4400 Cell: 858 305 9606
Soporte Español: +1 (619) 288-0008
Web: www.jevol.us www.treaddepthscanner.com

Content

RRT-7500 Brake Tester	2
RSS-700 Sideslip Tester	3
PDT-800 Play Detector	4
JVH-M100 Manual Headlight Tester	5
JVS-600 Opacimeter	6
JVE-501 Gas Analyzer	7
Jevol Copyright Software	8

RRT-7500 Brake Tester

★ Measurement Items

- Brake Force (N)
- Axle Brake Efficiency (%)
- Sum Brake Efficiency (%)
- Axle Brake Unbalance (%)
- Friction Efficiency (%)
- Axle Load (kg)



Brake tester bench

- ★ The corundum roller surface with high adhesion coefficient, is near the road condition and has more than 200,000 life span.
- ★ After finish testing motor stop to drive vehicle out of bench easily
- ★ The rear roller is higher than the front roller, it can avoiding the vehicle drive out of the bench during testing.
- ★ The compact bench is compounded with brake tester and axle tester, space-saving, high repetition of the testing data.

Items	Parameters
Axle Load	10T
Motor Power	11 kW X 2
Testing Speed	2.5 km/h
Testing Range	0 ~ 30 KN
Track	800 ~ 2,700mm
Roller Diameter	φ245mm
Roller Length	1,000mm
Dimension (L X W X H)	1900 X 960X 440mm (2pcs, left and right bench)

RSS-700 Sideslip Tester



Technical Parameters:

Items	Parameters
Model	RSS-700
Max axle load	10T
Test speed	5-10km/h
Range	±15mm
Dimensions (L×W×H)	1150X860X105mm

Characteristics

- ★ High precise sideslip tester sensor ensures the accurate reach 0.1mm. Easy to use: only need to drive vehicle through the sideslip tester to check vehicle deviation.
- ★ Pre-check the vehicle toe-in in case of vehicle need wheel alignment saving your time.
- ★ Check vehicle deviation, toe-in, speed and display on monitor vividly

PDT-800 Play Detector



Technical Parameters:

Items	Parameters
Model	PDT-800
Max axle load	15T
Power supply	380V 50HZ
Motor power	2.2 Kw
Max movement force	20-30KN
Max speed of movement	60-80mm/s
Oil Max pressure	16Mpa
Working type	hydraulic pressure
Movement of the plate	±50
Dimension of the plate	1200*800*220mm*2

Characteristics

- ★ Ultra-thin play detector
- ★ Check the steering and suspension components directly and quickly
- ★ High-strength hydraulic pump
- ★ Main plate 8 direction movement and another plate front and rear movement

JVH-M100 Manual Headlight Tester

- ★ **Measurement Items**
- Luminous Intensity**
- Elevation**
- Optic Axis Deviation**

- ★ Laser positioning and low-consumption
- ★ Equipped with additional battery
- ★ LCD screen
- ★ Automatically indicates the adjustment direction
- ★ Low cost and easy operate, suitable for vehicle inspection stations and garage.



Item	Parameters
Measuring Range	Central Height of Headlight: 50cm ~ 130cm Luminous Intensity: 0 ~ 120,000cd Optic Axis Deviation of high beam and low beam: Up - Down: U 1 ° 30 ' ~ D 2 ° 30 ' (U 20cm/10m ~ D 40cm/10m) Left - Right: L 2 ° 30 ' ~ R 2 ° 30 ' (L40cm/10m ~ R 40cm/10m)
Measurement Accuracy	Luminous Intensity of High Beam: ± 12% Optic Axis Deviation of High Beam: ± 12 ' Luminous Intensity of Low Beam: ± 15 ' Central Elevation of Headlight: ± 1cm
Power Supply	AC 220V ± 10% 50Hz ±1Hz Or: DC 9V Battery / 6pcs DC 1.5V Batteries (for laser)

JVS-600 Opacimeter



- ★ With Free Acceleration Test and Transient Test function, processing test data automatically
- ★ Display Opacity and Light Absorption Coefficient
- ★ “Scavenge Air Curtain” technology applied on the measuring unit, to prevent the optical system from being polluted
- ★ With Constant Temperature Control function, avoid condensation and accuracy influences caused by temperature changing
- ★ Auto zeroing, data printing and communication with host computer
- ★ Equipped with Oil Temperature Measurement Probe
- ★ Comply with requirements of ISO11614 and GB3847-2005

Items	Parameters
Measuring Range	Opacity (N): 0 ~ 99.9% Light Absorption Coefficient (k): 0~16.0m ⁻¹ Revolving Speed: 300 ~ 9999 rpm Oil Temperature
Resolution	Opacity (N): 0.1%
Measurement Accuracy	Opacity (N): ±2.0% (abs.) Revolving Speed (piezoelectric): ±1.0% (rel.) Oil Temperature: ±2
Power Supply	220V±10% 50Hz±1Hz
Effective Length of Optical Path	215mm
Equivalent Length of Optical Path	430mm
Sampling Probe Length	2.5m

JVE-501 Gas Analyzer



- ★ Advanced NDIR (Non-Dispersive Infrared) analysis technology to measure HC, CO, CO₂, newest electrochemical technology to measure O₂ and NO
- ★ Automatic calculation and display of A/F (air-fuel-ratio) and Lambda air ratio λ
- ★ High-brightness big LCD screen
- ★ CNG, LPG, ethanol vehicles can be tested
- ★ Standard inductive RPM measurement adaptor
- ★ 10-minutes standard warm-up and 5-minutes for fast measurement
- ★ 200 groups measurement data storage and review
- ★ Comply with ISO3930 and OIML 99 class I accuracy

Item	Parameters
Measuring Range	HC: 0 ~ 9,999 ppm (n-hexane) CO: 0 ~ 10 x 10 ⁻² (%) CO ₂ : 0 ~ 20 x 10 ⁻² (%) O ₂ : 0 ~ 25 x 10 ⁻² (%) NO: 0 ~ 5,000 x 10 ⁻⁶
Measurement Accuracy	HC: ± 12 x 10 ⁻⁶ (absolute error) or ±5% (relative error) CO: ± 0.06 x 10 ⁻² (%)(absolute error) or ±5% (relative error) CO ₂ : ± 0.50 x 10 ⁻² (%)(absolute error) or ±5% (relative error) O ₂ : ± 0.10 x 10 ⁻² (%)(absolute error) or ±5% (relative error) NO: ± 25 x 10 ⁻⁶ (absolute error) or ±5% (relative error)
Warm-up Time	10 min (5 min warm-up for fast measurement)
Response Time	Less than 10s; NO testing less than 15s
Power Supply	AC 220V ± 10% 50Hz ±1Hz

- ▶ Embedded industrial computer
- ▶ CPU: 2.4G
- ▶ Memory: 1G
- ▶ Hard disk: 160G
- ▶ Monitor: LCD 19"
- ▶ Printer: A4 Inkjet
- ▶ Industrial computer has high anti-interference and anti-vibration performance. With good heat dissipation performance and long life time.

Cabinet (Control system)

Jevol Copyright Software

<p>Brake Testing</p>	<p>Speedometer Testing</p>
<p>Headlight Testing</p>	<p>Pollution Testing</p>