

2535 Kettner Boulevard, San Diego, California 92101,

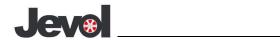
United States

Phone: 858 800 4400 Cell: 858 305 9606 Soporte Español: +1 (619) 288-0008

Web: <u>www.jevol.us</u> <u>www.treaddepthscanner.com</u>

Content

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



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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	ф245mm
Roller Length	1,000mm
Dimension (L X W X H)	1900 X 960X 440mm (2pcs, left and right bench)



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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



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PDT-800 Play Detector

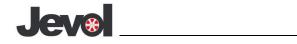


Technical Parameters:

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

- ★ Untra-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



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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 Rage	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)



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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



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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 Rage	HC: $0 \sim 9,999 \text{ ppm (n-hexane)}$ CO: $0 \sim 10 \times 10^{-2} \text{ (\%)}$ CO ₂ : $0 \sim 20 \times 10^{-2} \text{ (\%)}$ O ₂ : $0 \sim 25 \times 10^{-2} \text{ (\%)}$ NO: $0 \sim 5,000 \times 10^{-6}$
Measurement Accuracy	HC: \pm 12 x 10-6 (absolute error) or \pm 5% (relative error) CO: \pm 0.06 x 10 $^{-2}$ (%)(absolute error) or \pm 5% (relative error) CO ₂ : \pm 0.50 x 10 $^{-2}$ (%)(absolute error) or \pm 5% (relative error) O ₂ : \pm 0.10 x 10 $^{-2}$ (%)(absolute error) or \pm 5% (relative error) NO: \pm 25 x 10 $^{-6}$ (absolute error) or \pm 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



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Embedded industrial computer

CPU: 2.4G
Memory: 1G
Hard disk: 160G
Monitor: LCD 19"
Printer: A4 Inkjet

Industrial computer has high anti-interference and antivibration performance. With good heat dissipation performance and long life time.

Cabinet (Control system)

Jevol Copyright Software





Brake Testing

Speedometer Testing





Headlight Testing

Pollution Testing