

The Certifier 912

The Standard for Manufacturing, Product Development, & FMVSS 121 Brake Timing

Presenting a vehicle test station for electrical, brake, and ABS End-Of-The-Line testing from LITE-CHECK, the leader in economical, technician-friendly test equipment. With state of the art software and hardware automatic operations are recorded for a complete printed report of the vehicles electrical and air system.

Reduce your warranty costs and testing time with one tool, and increase your customer satisfaction by providing consistent and reliable results.

The CERTIFIER 912 (powered by 120 VAC) is your best single-solution brake testing equipment for both tractor and trailer brake systems. The CERTIFIER 912 software takes over the routine testing tasks and eliminates operator errors for reliable reports. It directly identifies ABS air brake and electrical faults in your 12VDC 7-way round



pin-equipped tractor/trailer via base unit control and full-function remote control.

More than FMVSS 121 Brake timing under your control, the CERTIFIER 912 is a complete lighting, air brake, and ABS tester that automates the operation for quick, consistent results. ABS and related end-of-the-line programs come pre-installed into the supplied computer. Looking for the tester to consolidate and complete your final test? Look no further than LITE-CHECK!



DETAILED CUSTOM PRINTED REPORTS



TEST AND CERTIFY SIMULTANEOUSLY



FMVSS/FMVSS BRAKE 121 TIMING

TEST STATION FOR TRAILER AND TRUCK
FMVSS/CMVSS Brake 121 Timing
Air flow and leak down
Electrical system
ABS Configuration

DESCRIPTION: The **LITE-CHECK CERTIFIER 912** is designed for the vehicle manufacturer's quality assurance requirements and perform End-of-the-Line configuration, test, and certification functions. Manual (remote control) and automatic tests of electrical, air operation, ABS configuration, and 121 brake timing are recorded as a complete document on file and for printing.

SOFTWARE: The operating software simplifies the vehicle test by providing a consistent process, identifying vehicle issues, and saving results to an electronic file. ABS manufacturer's software can be downloaded on the full size computer. The CERTIFIER software uses a Windows®-based graphical interface and merges LITE-CHECK and third-party data into a single report.

ISO CERTIFICATION: Routines for system test provide for ISO certification.

APPLICATIONS: Whenever a certified test report is required for new and modified vehicles.

ACCESSORIES:

- Pedal Actuator 330A for truck 121 brake timing
- Brake air differential kit for towing trailers
- Protective hood

INSTALLATION AND TRAINING OPTION: two day training by factory sales engineer

REQUIREMENTS:

- Power: 110vac or 220vac
- Air: shop compressed air supply of 120psi, 10cfm

See videos and additional information on our web site www.lite-check.com.

WARRANTY: One year limited parts and labor. Repairs and service performed at LITE-CHECK, Spokane Washington.

BOX CONTENTS: Steel cabinet with 6-inch wheels, LITE-CHECK Power Supply 311R, Standard coiled 15ft air lines with glad-hands for vehicle connection, Standard 15ft 7w electrical cable for vehicle connection, LITE-CHECK HUB with 45ft cable, Computer with keyboard and mouse.

LITE-CHECK CERTIFIER 912 with Hood

PRODUCT DEMENSIONS:

Size: 39 in. wide x62 in. high x 27 in. deep
Weight: 375 pounds

SHIPPING DEMENSIONS:

Pallet size:42 in. wide x42 in. high x 55 in. deep
Shipping weight: 400 pounds

One Tool, One Person, One Process. LITE CHECK.

LITE CHECK, LLC.
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Spokane, WA 99202
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Email :: info@lite-check.com

LITE-CHECK CERTIFICATION 912 FEATURES

TESTING ELECTRICAL CIRCUITS:

- Constant display of circuit voltage and amperage
- Automatic fault detection with direct identification of fault type
- Full-function remote control speeds visual inspections
- TMC 141 electrical load test for trailer
- All test data is recorded

TESTING AIR SYSTEMS:

- Automatic air leak detection with alarm and digital display of results
- FMVSS/CMVSS 121 Brake Timing test
- Air differential test for towing vehicles
- Emergency brake set test
- Brake balance test

CONFIGURE AND TEST ABS:

- Configure ABS ECU's using manufacturer's software
- Verify ABS operation
- Perform end-of-the-line test for air and electrical hook-up
- Record ABS data and combine with master test results

PRINTED AND ELECTRONIC TEST AND INSPECTION:

- Test data receives automatic time/date stamp
- Reports include test station serial number and site
- Operator information is captured
- VIN number saved on report
- Custom fields for customer and vehicle specs
- Includes data from both manual and automatic tests

CERTIFIER SELF-TEST FUNCTIONS:

- Automatic air sensor calibration
- Routines for system ISO certification

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CERTIFIER 912 ACCESSORIES

PEDAL ACTUATOR 330A: used in 121 brake timing, the pedal actuator is operated by the service air of the CERTIFIER for a hand off brake timing operation.



AIR DIFFERENTIAL KIT: used for towed trailer testing required for 121 brake timing. Kit includes 50cc differential reservoir and input module.



AIR SENSOR WITH CABLE: CERTIFIER has 2 sensors supplied with the basic system. Additional sensors can be included for a total of 8 readings at a time with the standard HUB.



351 HUB: The HUB collects sensor information at the axles and sends timing set and release times to the CERTIFIER.



CERTIFIER HOOD: protects computer screen and work space



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