

LITE-CHECK CERTIFIER 912

**COMPLETE VEHICLE END-OF-LINE TEST,
CONFIGURATION, AND CERTIFICATION SYSTEM**



LITE-CHECK CERTIFIER 912

Equip your manufacturing facilities with a multi-function solution that supports your current and future vehicle test, configuration, and certification needs:

- **CMVSS/FMVSS Brake 121 Timing**
- **Extensive Air Flow Tests**
- **Air Leak Down Tests**
- **Complete Electrical Test**
- **ABS Configuration**
- **Printed and Electronic Records**

THE CERTIFIER 912 FEATURES...

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| <ul style="list-style-type: none">✓ Certifier software version 3.0<ul style="list-style-type: none">• Windows based graphical interface• Merges Lite-Check and third-party data into a single report✓ 8-port data collection with <u>wireless</u> or single wire connection to the CERTIFIER reduces clutter and improves reliability✓ Auto-calibration of air sensors speeds test procedures and reduces errors✓ Air sensor and hub diagnostics screen provides a view of the actual sensor output and hub communication status | <ul style="list-style-type: none">✓ Test reports include critical tester, operator, and vehicle data along with a date and time stamp✓ Built-in interface between the computer and the 7-way connection supports communications for ABS ECU manufacturer configuration applications✓ Integrated Lite-Check vehicle tester provides the best lighting and air brake inspection capability on the market today✓ Full-function remote provides complete control over all air and light functions |
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LITE-CHECK LLC

800-343-8579

3102 E Trent Avenue, Spokane, Washington 99202

509-535-7512

www.lite-check.com

LITE-CHECK 912 CERTIFICATION TESTER

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
- Test data is recorded

TESTING AIR SYSTEMS

- Full-function remote control speeds visual inspections
- Automatic air leak detection with alarm and digital display of results
- CMVSS/FMVSS '121' brake timing test
- Air differential test for towing vehicles
- Emergency brake set test
- Brake balance test
- Test data is recorded

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

912 CERTIFIER SOFTWARE COMBINED WITH LITE-CHECK'S PROVEN DIAGNOSTIC TESTING TECHNOLOGY

- Controls and monitors test processes
- Dynamic automatic alarms and digital readouts for system failures
- User oriented environment reduces operator errors
- Test data is recorded securely
- Reports are automatically printed

LITE-CHECK 912 CERTIFIER TEST AND INSPECTION REPORTS

- Test data receives automatic time/date stamp
- Reports include test station serial number with software revisions
- Operator information is captured
- Keyed to VIN number
- Custom fields for customer and vehicle specifications
- Includes data from both manual and automatic tests

912 CERTIFIER SELF-TEST FUNCTIONS

- Software based configuration and control
- Automatic air sensor calibration
- Routines for system certification for ISO

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LITE-CHECK: DIAGNOSTIC TECHNOLOGY FOR VEHICLE SAFETY SINCE 1985

LITE-CHECK 912 CERTIFICATION TESTER

SAMPLE TRAILER TEST REPORT

LITE-CHECK 912 GUI REV. 3.0 TESTER REPORT FEBRUARY 1, 2007 09:54 PASS# 1

VIN NUMBER	TRAILER NUMBER
CUSTOMER	CUSTOMER
OPERATOR	NAME
ORDER NUMBER	WORK ORDER
USER 1	to be assigned - (trailer specifications)
USER 2	to be assigned
USER 3	to be assigned
USER 4	to be assigned
USER 5	to be assigned
USER 6	to be assigned
TESTER SN#	60011
TESTER REV	3.0
	HUB REV 2.00

ELECTRICAL CONDITION	VOLTS	AMPS	TEST MODE	STATUS	
2-BRAKE	GOOD	12.89	2.32	AUTO	PASS
3-MARKER	GOOD	13.05	2.18	AUTO	PASS
4-AUXIL	GOOD	12.89	2.37	AUTO	PASS
5-LEFT	GOOD	13.02	2.18	AUTO	PASS
6-TAIL	GOOD	13.42	2.25	AUTO	PASS
7-RIGHT	GOOD	13.34	2.24	AUTO	PASS

2-BRAKE	GOOD	13.82	2.32	MANUAL	PASS
3-MARKER	GOOD	13.33	2.22	MANUAL	PASS
4-AUXIL	GOOD	13.33	2.42	MANUAL	PASS
5-LEFT	GOOD	13.34	2.22	MANUAL	PASS
6-TAIL	GOOD	13.39	2.25	MANUAL	PASS
7-RIGHT	GOOD	13.39	2.23	MANUAL	PASS

AIR SYSTEM	STARTPSI	ENDPSI	LOSS	TEST MODE	STATUS
EMERGENCY	100	100	0	AUTOMATIC	PASS
SERVICE	95	95	0	AUTOMATIC	PASS

CHAN SENSOR	LOCATION	EMER.SET	121 SET	121 REL
5 AIRSENS	CURB 2		0.501	1.101
6 AIRSENS	ROADSIDE 2		0.509	1.010
7 AIRSENS	EMER 4	0.901		

ABS DETECTED. PASS

AIR DIFFERENTIAL PASS

EMERGENCY SET PASS

NOTE:

The ABS report is printed on second page.
All collected data is saved with file.

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LITE-CHECK CERTIFIER 912 ACCESSORIES



LITE-CHECK WIRELESS DATA COLLECTION HUB

Self-powered and wirelessly operated intelligent data collection HUB with eight (8) sensor ports. LITE-CHECK's hub technology keeps sensor wires short and enhances safety and reliability.

The LITE-CHECK wireless data collection hub is compatible with all versions of the 912 and CERTIFIER 912 test station.



LITE-CHECK DATA COLLECTION HUB (wired version)

HUB with eight (8) sensor ports can be located at the axle for ease of operation and short sensor cables. The single wire connection between the HUB and the CERTIFIER 912 test station reduces clutter and increases reliability.

LED indicators on the HUB show sensor status.



LITE-CHECK PEDAL ACTUATOR

Easy to install and is actuated by service air for a positive truck application for inspection and timing test.

Use with Remote Control for visual inspection at the brake chamber for mechanical operation.



LITE-CHECK REMOTE CONTROL

Full function remote control allows visual inspection of lights and brakes anywhere about the vehicle.

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