



# Comprehensive Vehicle Inspection Line System **Line Master**

**LINE MASTER**

MODEL **ALM2012**

**Line Master**  
*Vehicle Inspection System*

The logo is displayed on a curved, metallic-looking surface. The text "Line Master" is in a large, bold, italicized font, and "Vehicle Inspection System" is in a smaller, italicized font below it. A green horizontal bar is positioned behind the text.

# Line Master



## Creates Ideal Vehicle Inspection Service

# "Evolving"

## Comprehensive Vehicle Inspection Line System

### Innovative Vehicle Inspection System "Line Master" to Meet All Customer Needs

Vehicle inspection quality can be improved by comprehensively controlling the inspection operations with a system.

Ultimate functionality and simple operation increase work efficiency.

The advanced "Line Master" expands the potential of service and flexibly responds to changes to the vehicle inspection methods.

### Improving Vehicle Inspection Quality

Reducing errors by inputting data interactively with the system

Enhancing the compliance functionality and improving vehicle inspection service quality

### Increasing Work Efficiency

Ultimate functionality and simple operation increase efficiency of the vehicle inspection service

### Proposal Service

Support for a "proposal service" that promotes bonding with car owners through the vehicle inspection service

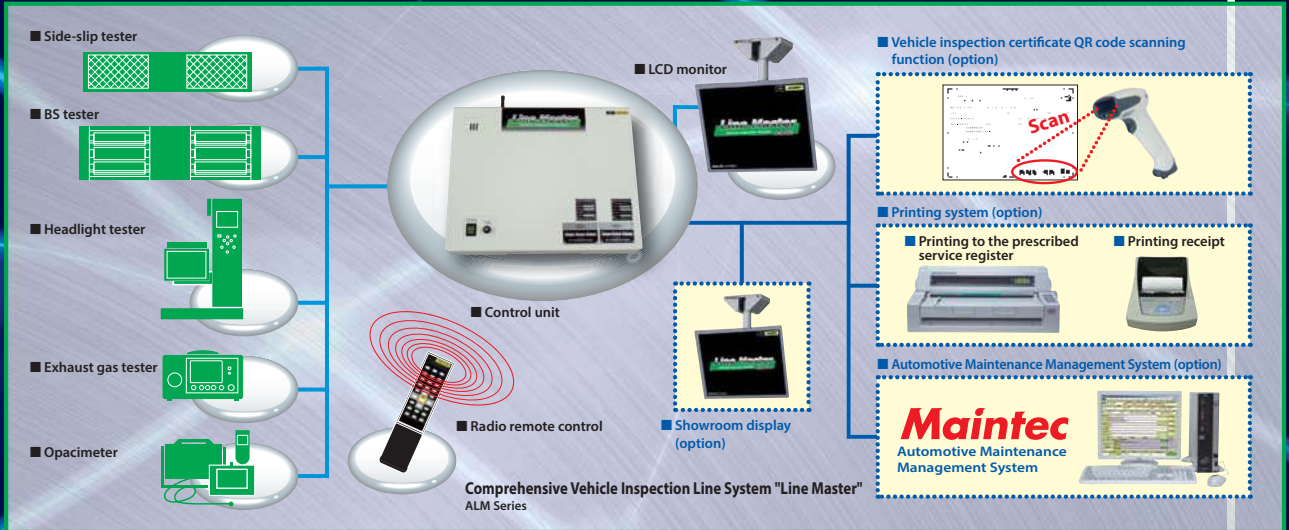
### System Upgrade

Systematically upgrading the connected devices and functionality in response to the circumstances



# Support for Full-line Connection Further Improves Expandability

Line Master has excellent expandability allowing for timely upgrading, such as replacement with latest devices, adding a monitor, and introducing the automotive maintenance management system.



## Increasing Work Efficiency

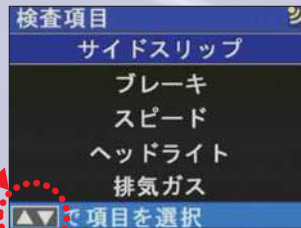
## Intuitive Operation Supports Smoother Inspection

### Simple Intuitive Operation Achieved

Continuous improvement based on the feedback from customers has resulted in better usability and simpler operation. The system reduces the stress of the inspector and provides support for smooth and efficient inspection as the inspector can intuitively select and confirm the inspection items by operating the arrow keys on the remote control while watching the LCD monitor.



The arrow keys on the remote control make it easy to select inspection items.



## Increasing Vehicle Inspection Quality

## Enhanced Compliance Functionality

### Vehicle Inspection Certificate QR Code Scanning Function (Option)

Just scan the QR code on the vehicle inspection certificate to instantly complete the input of "Axle load/vehicle weight," "Initial registration date," and "Model." This prevents input errors and automatically selects the criteria accurately.



Recognizing the axle load/vehicle weight, initial registration date, and model.

- 1 The axle load/vehicle weight is used for calculation when measuring the braking force.
- 2 The initial registration date is used to automatically select the regulation value effective from this date for speed measurement.
- 3 The model is used to recognize the exhaust gas ID symbol and automatically select the regulation value when measuring exhaust gas, black smoke, and opacity.



### Print Locking Function

If there are items that have failed the inspection or have not yet been inspected, a warning is displayed and printing and transmission are blocked.



### Enhanced Data Storage Function

Up to 50 inspection result records can be stored. Even if there is an item that has failed inspection, the data can be called up so that only the failed inspection item can be inspected again.

### Memory Card Function to Support Secure Operation

A compact flash memory card comes as standard. Data can be rewritten when the safety standards are revised or a problem occurs.



# Various Setting Functions to Meet User Needs

## 内部設定

1. 保安基準の設定
2. 社内基準の設定
3. 機器設定

項目を選択する / 初期 初期画面

Various settings, including changes to various standards, can be configured with the remote control. Internal standards can be set in addition to the safety standards to enable the vehicle inspection operation to be performed according to the internal compliance standards.

## Protecting Settings with Password

A password is required to make changes to various settings to prevent the settings from being accidentally changed.

## パスワードの入力



数値4桁を入力して決定を押す

## Safety Standards Settings

保安基準の設定 ABS			
側滑検出 (OUT)	5.0	側滑検出 (IN)	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	0.98
側滑検出 (OUT)	5.0	ブレーキ制動	0.78
側滑検出 (OUT)	5.0	ブレーキ制動	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	1.98
側滑検出 (OUT)	5.0	ブレーキ制動	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	3.92
側滑検出 (OUT)	5.0	ブレーキ制動	31.0
側滑検出 (OUT)	5.0	ブレーキ制動	31.0

決定を押してください

You can respond to changes to the safety standards resulting from changes in the law.

- Side-slip
- Axle-slip
- Brake
- Speedometer
- Headlight
- Exhaust gas
- Opacimeter

## Internal Standards Settings

社内基準の設定 ABS			
側滑検出 (OUT)	5.0	側滑検出 (IN)	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	0.98
側滑検出 (OUT)	5.0	ブレーキ制動	0.78
側滑検出 (OUT)	5.0	ブレーキ制動	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	1.98
側滑検出 (OUT)	5.0	ブレーキ制動	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	3.92
側滑検出 (OUT)	5.0	ブレーキ制動	31.0
側滑検出 (OUT)	5.0	ブレーキ制動	31.0

決定を押してください

You can set stricter standards (internal standard) within the safety standards.

- Side-slip
- Axle-slip
- Brake
- Speedometer
- Headlight
- Exhaust gas
- Opacimeter

## Device Settings

機器設定 1			
側滑検出 (OUT)	5.0	側滑検出 (IN)	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	0.98
側滑検出 (OUT)	5.0	ブレーキ制動	0.78
側滑検出 (OUT)	5.0	ブレーキ制動	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	1.98
側滑検出 (OUT)	5.0	ブレーキ制動	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	3.92
側滑検出 (OUT)	5.0	ブレーキ制動	31.0
側滑検出 (OUT)	5.0	ブレーキ制動	31.0

決定を押してください

You can select connected devices and configure various settings for them. For example, you can configure the sum and difference calculation settings (round up, round down, and round) for the brake tester.

## Printing Settings

印刷設定			
側滑検出 (OUT)	5.0	側滑検出 (IN)	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	0.98
側滑検出 (OUT)	5.0	ブレーキ制動	0.78
側滑検出 (OUT)	5.0	ブレーキ制動	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	1.98
側滑検出 (OUT)	5.0	ブレーキ制動	4.90
側滑検出 (OUT)	5.0	ブレーキ制動	3.92
側滑検出 (OUT)	5.0	ブレーキ制動	31.0
側滑検出 (OUT)	5.0	ブレーキ制動	31.0

決定を押してください

You can configure various printing settings if you selected the optional printing system.

- Register sheet settings
- Print VID
- Print axle load
- Correct printing position

\* The screen is subject to change without notice.

# Measurement Results can be Displayed Instantly! "Attractive Services" to Win the Trust of Car Owners Achieved

Strong support is provided for the proposal service for car owners by instantly and accurately displaying the measurement results.



When a remote control signal is received, the reception mark is displayed.

Initial screen



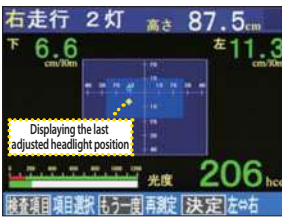
Side-slip



Brake



Speedometer



Displaying the last adjusted headlight position

Headlight



Exhaust gas



Opacimeter



Inspection results screen



## Useful Pass/Fail Judgment Function

Pass/fail of the measurement results can be automatically judged based on the safety standards and internal standards. "O" and "X" indications enable the pass and fail results to be known instantly.



## Other User Support Functions

- Support for foreign vehicle special exceptions  
Foreign vehicle special exception values can be set for the side-slip measurement.
- Simple zero-reset by user is possible  
Even if the side-slip value indicates 0.1 mm, it can be reset to zero by user operation.



\* The screen is subject to change without notice.

# User Management Vehicle Management Service Management Network Expansion

**Automotive Maintenance Management System "Maintec" Increases Front Operation Efficiency and Supports the "Proposal Service" for Car Owners.**

Option

## Maintec

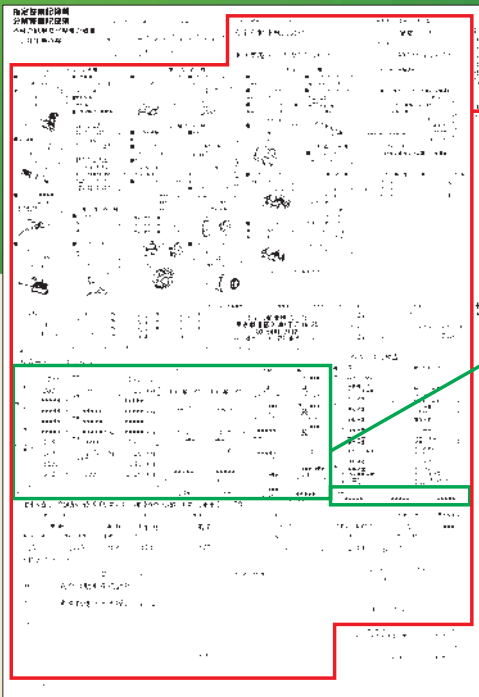
### Automotive Maintenance Management System

The front operation software of "Line Master" allows for creating government documents, such as the prescribed service register, in addition to user and vehicle management. It also has excellent expandability, as it can connect with external systems, such as automotive manufacturers' computer systems.



- Standard Functions**
- Prescribed service register
  - Overhaul service register
  - Work instructions
  - Compulsory automobile liability insurance application form
  - Weight tax statement
  - Vehicle inspection application form
  - Safety standards compliance certificate
  - Safety standards compliance label
  - Compliance certificate issuing register

### Printing to Prescribed Service Register can be Completed Instantly



Maintec can directly print all information of the register with minimum input operation. It simplifies the input operation to increase efficiency.

#### "Maintec" print range

- Register inspection item and check fields
- Inspection work, visual inspection, and vehicle information
- Customer information field (name and address)

Speedy and accurate!

Eliminating input errors and enhancing the compliance functionality

#### There are two printing systems for "Line Master" (option)

##### "Line Master" Print Range

• **Printing to the prescribed service register**  
Automatically read measurement data can be directly printed to the prescribed service register. Measurement results of a device that is not connected to the system (non-connected device) and judgment by the sense of hearing can also be directly printed to the register by remote control input.



• **Printing receipt**  
Measurement results are all printed on the roll paper. This is useful in writing to the prescribed service register.



Line Master



**Maintec**  
Automotive Maintenance Management System

Connected Devices

For passenger cars 3.6t

For large-sized vehicles 10t

BS Tester	Side-slip Tester			Used also for front-wheel 2-axle vehicle
	Hybrid Tester			
	Flat BS Tester			
	For 4WD	<div style="display: flex; justify-content: space-around;"> <div>BS double method </div> <div>Multi-axle free roller method </div> </div>	Free roller method 	
Headlight Tester		 Fully automatic image processing method	 Manual image processing method	
Exhaust Gas Tester	Opacimeter	 Exhaust gas tester	 Opacimeter	

\* System components are subject to change without notice. Please contact one of our sales offices.

■ Before using this product, carefully read the precautions indicated by **⚠ DANGER**, **⚠ WARNING** and **⚠ CAUTION** in the manual supplied with this product to ensure correct use.

**ANZEN**  
安全自動車株式会社

4-16-25 Shibaura, Minato-ku, Tokyo 108-0023  
Phone: +81 3-5441-3412 Fax: +81 3-5441-8848  
ANZEN website: <http://www.anzen.co.jp>