

Autel IA900LDW MaxiSYS ADAS Wheel Alignment System with LDW Target Boards



The Autel IA900LDW MaxiSYS ADAS Wheel Alignment System is a fully integrated workshop solution combining precision four-wheel alignment with advanced ADAS calibration, specifically engineered for Lane Departure Warning (LDW) systems. Built for modern service centres, the IA900LDW enhances diagnostic accuracy, improves workflow efficiency, and enables complete in-house calibration without the need for multiple tools.

With six self-calibrating cameras, robotic frame precision, and an intuitive 24 inch touchscreen interface, this system delivers reliable, repeatable measurements and guided calibration procedures for a wide range of vehicles. Designed for productivity and profitability, the IA900LDW is the ideal solution for workshops servicing today's ADAS-equipped vehicles.

FEATURES

- Integrated four-wheel alignment and LDW ADAS calibration system
- Six high-resolution self-calibrating cameras for precise measurements
- Robotic frame movement with alignment accuracy up to 0.02°
- Large 24 inch touchscreen with live readings and guided workflow
- Dual-screen operation for simultaneous diagnostics and calibration
- Automatic vehicle height tracking during calibration
- Floor compensation for accurate results on uneven workshop floors
- Wide vehicle coverage including US, Asian, and European models (1996 onwards)
- Built-in cable management and consolidated power supply
- Reduces outsourcing costs and improves workshop efficiency

SPECIFICATIONS

- Weight: 297.1 kg
- Dimensions: 132.08 × 106.68 × 218.44 cm
- Camera System: 6 self-calibrating high-resolution cameras
- Alignment Accuracy: Up to 0.02 degrees
- Display: 24 inch touchscreen interface
- Vehicle Coverage: Global vehicles from 1996 onwards

PACKAGE CONTENTS

- IA900WA Alignment & ADAS Frame System
- LDW Target Boards Set
- 24 inch Touchscreen Display
- Four-Wheel Clamps with Camera Targets
- Steering Wheel Lock and Wheel Chocks
- One-Year Limited Warranty

LDW TARGET BOARDS INCLUDED

Comprehensive LDW calibration coverage for major vehicle brands including: VW / Audi / Porsche, Mercedes-Benz, Toyota / Lexus, Honda / Acura, Nissan / Infiniti, Mazda, Subaru, Hyundai / Kia, Mitsubishi, Alfa Romeo and more – with multiple generation boards for accurate OEM-level calibration support.

COMPATIBILITY & REQUIREMENTS

Compatible diagnostic tablets (not included):

- Autel MS909
- Autel Ultra

ADAS software activation required (sold separately and dependent on subscription status).