



The Autel MaxiSys Ultra S2 Automotive Diagnostic Scanner (2025) is Autel’s flagship intelligent diagnostic platform, engineered for high-performance workshops, advanced technicians, and high-volume repair environments.

Built to deliver true OE-level diagnostics, ECU programming, and intelligent network analysis, the Ultra S2 combines powerful hardware, AI-driven inspection, and Topology 3.0 mapping to streamline complex diagnostics and significantly reduce troubleshooting time.

With support for passenger vehicles, light commercial fleets, EVs, and CAN-FD platforms, the Ultra S2 provides a future-ready solution that enhances workflow efficiency, improves diagnostic accuracy, and maximises workshop profitability.



ADVANCED DIAGNOSTICS & PERFORMANCE

- OE-level diagnostics across 150+ vehicle brands
- Real-time Topology 3.0 network mapping
- Bi-directional control and active tests
- Intelligent DTC analysis with guided repair workflows
- Pre-scan and post-scan reporting

ECU PROGRAMMING & CODING

- J2534 pass-thru programming
- ECU software updates and replacement programming
- Online and offline coding capabilities
- Supports major brands including BMW, Mercedes-Benz, VAG, Nissan, Hyundai and more

AI-DRIVEN DIGITAL VEHICLE INSPECTION

- Automatic detection of dents, scratches, and tyre condition
- AI-generated inspection reports
- Improved customer transparency and upsell opportunities

6-IN-1 VCM12 DIAGNOSTIC MODULE

- Advanced VCI interface
- 4-channel oscilloscope
- Multimeter and waveform generator
- CAN Bus testing
- Remote expert diagnostics support

WORKSHOP EFFICIENCY TOOLS

- Cloud-based vehicle history and data management
- Voice-activated virtual assistant
- Live data graphing and multi-PID analysis
- Guided functions and technical service bulletins integration

TECHNICAL SPECIFICATIONS

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| • Operating System: Android 13 | • Connectivity: Wi-Fi 6, Bluetooth |
| • Processor: 2.7GHz 8-Core | • VCI: MaxiFlash VCM12 |
| • Memory: 12GB RAM | • Oscilloscope: 4-Channel |
| • Storage: 512GB SSD | • Protocols: DoIP, CAN-FD, J2534, D-PDU, Ethernet |
| • Display: 13.7-inch Anti-Glare Touchscreen (2176 × 1600) | • Charging: Fast-Charge Dock Supported |
| • Battery: 18,000 mAh Lithium Battery | • Weight: 12.35 kg |
| • Camera: 16MP Front & Rear | • Dimensions: 688 × 181 × 490 mm |

PACK CONTENTS (CONDENSED FOR SINGLE PAGE)

Ultra S2 Tablet • MaxiFlash VCM12 • Docking Station • Main Cable Set • Power Adapter • Oscilloscope & Multimeter Leads • Breakout & Back-Pinning Probes • USB & Ethernet Adapters • Carry Case • Tool Box • Accessories Kit