AUTEL MAXISYS
ULTRA S2
ANOTHER LEAP FORWARD

Building on the award-winning Autel MaxiSYS MS Ultra, the Ultra S2 sets a new industry standard for efficiency and accuracy with upgraded hardware, and advanced diagnostic features, delivering near OEM-level diagnostics and beyond.

6-IN-1 VCMI2
ENHANCED VEHICLE COMMUNICATION & MEASUREMENT DEVICE

Advanced VCI/J2534 pass-thru programmer, improved 4-channel oscilloscope, Multimeter, Waveform generator, CAN-Bus Tester, and standalone Remote Expert device, all in a lighter and more compact chassis.

UPGRADED HARDWARE

- Larger 13.7" Anti-Glare Screen
- Increased Storage (512GB)
- Supports Wi-Fi 6 for High-Speed, Low-Latency Data Transmission
- Enhanced Docking Station with Tablet "Fast Charge"
- Faster 2.7G 8-Core Processor

DATA-DRIVEN DIAGNOSTICS WITH ENHANCED PID ANALYSIS

Data Visualization: Enhanced graphing capability to visualize multiple parameters to identify the relationship between PIDs and pinpoint system anomalies.

Live Data Fusion: Record and compare value changes across multiple systems
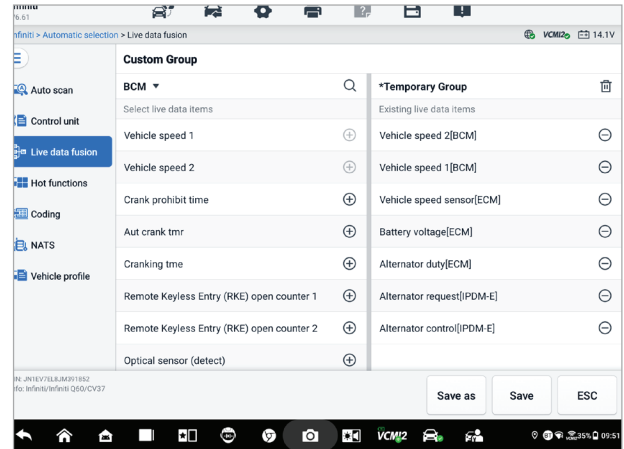
Parameter Grouping: Multi-PID selection for analyzing related parameters simultaneously. Ideal for engine fault and performance and emissions troubleshooting.

Reference Sampling: Record, store, and review selected PIDs for pre- and post-repair comparison that will flag min, max, and average.
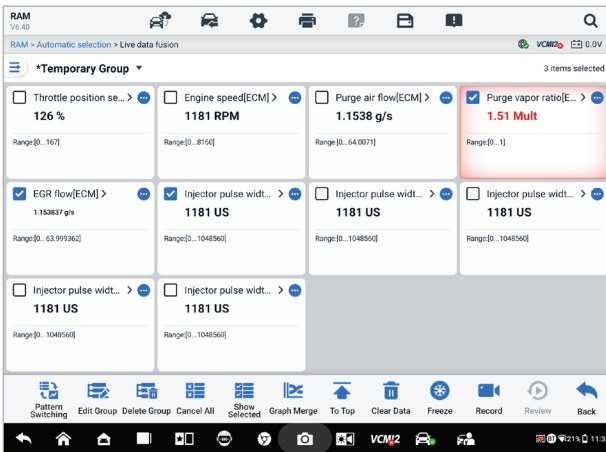
Real-Time, Split-Screen Analysis: Access the oscilloscope directly from the current Live Data screen
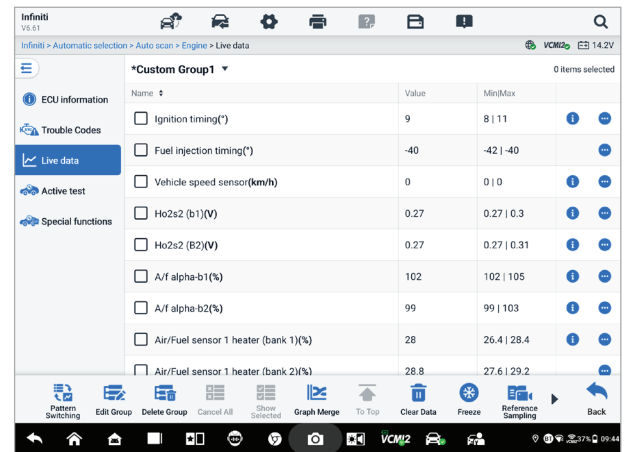

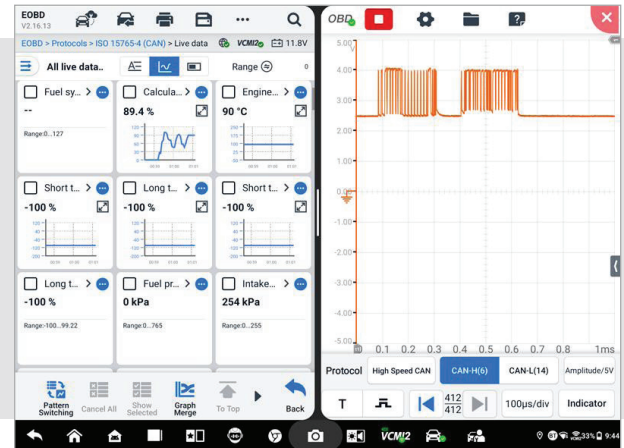**DATA VISUALIZATION**

LIVE DATA FUSION

PARAMETER GROUPING

REFERENCE SAMPLING

ENHANCED SPLIT-SCREEN DIAGNOSTICS
DIAGNOSTICS + X (MULTIPLE APPLICATIONS)

- Live Data + Oscilloscope
- Topology + Component Location
- Fault Scan + Ping Network
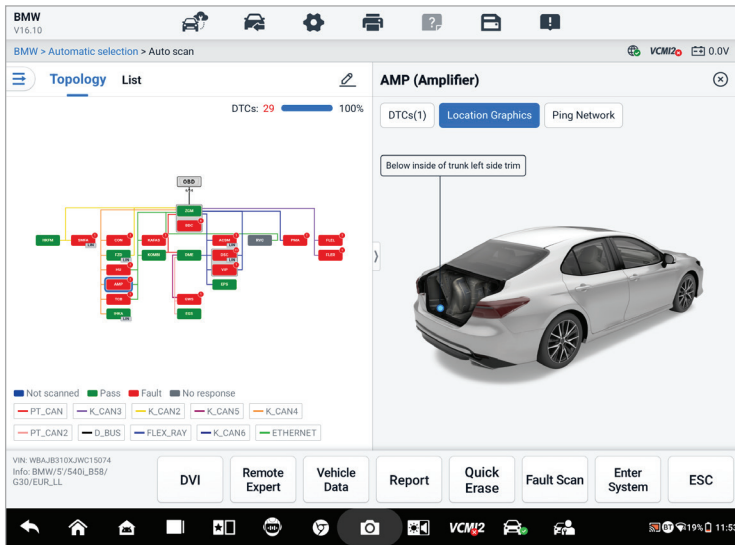- Topology/List + Data Trouble Code (DTC)
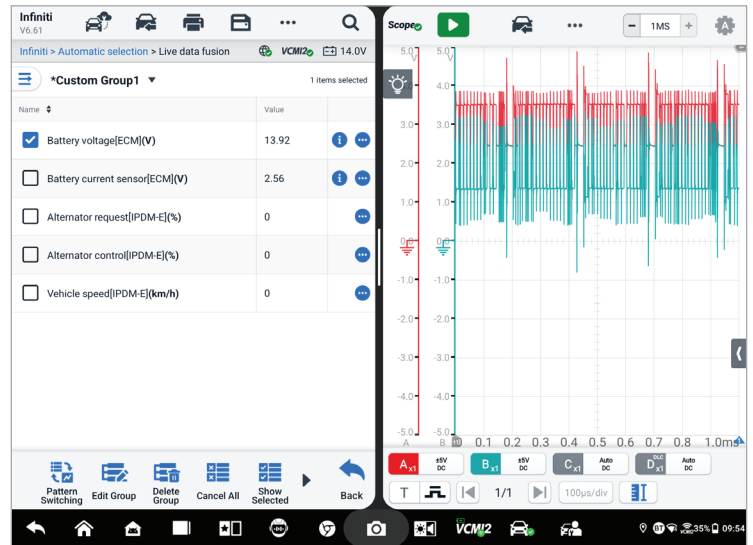
MEET MAX, YOUR HANDS-FREE VIRTUAL ASSISTANT:

"Hey MAX, open service menu."

MAX enables hands-free navigation of the Ultra S2 interface and provides verbal command functionality for various tasks and functions. Effortlessly initiate a system scan, access maintenance tasks, or execute active tests.

TOPOLOGY 3.0- DYNAMIC NETWORK ANALYSIS

- OE-Style System Analysis of Multi-Speed Communication Protocol Networks
- Active Module and Network Analysis: Locate and Directly Ping ECUs to Test Signal Quality and Network Integrity
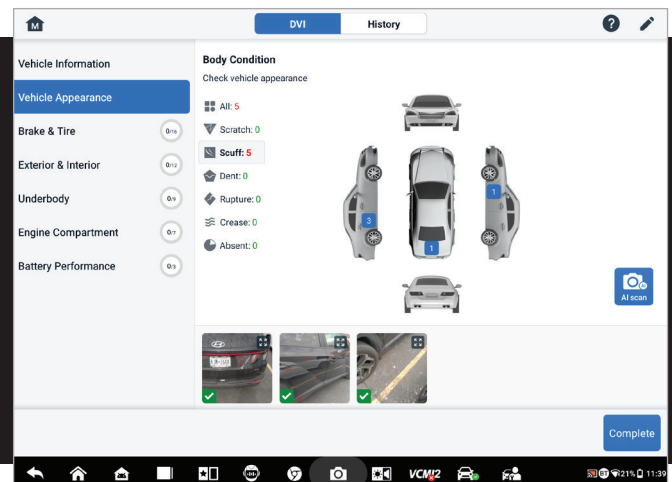- At-a-Glance Color-Coded Module Status

ENHANCED OSCILLOSCOPE FUNCTIONALITY
INTEGRATED & IMPROVED

- Launch Scope directly from Live Data Analysis
- New Comprehensive Electrical Vehicle Tests: AC and DC Charging, High Voltage Component, Interlock Loop Signal, Power-On Control, Resolver Sensor, and Thermal Management System
- Added Parasitic Current Draw, Swing Tests

ADVANCED DIGITAL VEHICLE INSPECTION
THOROUGH MULTI-POINT DVI

- AI-powered image analysis for auto-detection of dents and scratches
- Pair with Autel TBE200 Tire Tread Examiner and ITS600 TPMS tool to produce detailed tire analysis
- Vehicle status report. Track maintenance. Maximize revenue and customer satisfaction.

AUTEL®

Item	Description	MaxiSys Ultra S2
Hardware	Processor	2.7G 8-core
	Storage	12GB+512GB
	Screen	13.7" Anti-glare Screen (2176×1600)
	Android System	Android 13
	Battery	18000 mAh
	Camera	R:16M, F:16M
	Wi-Fi	Dual Wi-Fi 6
	DC Fast Charging	DC
	Bluetooth	Supported
	VCI	VCMI 2
	Oscilloscope	4 Channel
	Multimeter	Supported
	Charging Dock	Fast Charge
Diagnostic Function	Voice Assistance	Supported
	Topology	Based on ECU Network + module location
	Auto Scan	Yes
	Graphic Live Data Scream	Multi-system
Protocols	DoIP	Supported
	CanFD	Supported
	J2534	Supported
	D-PDU	Supported