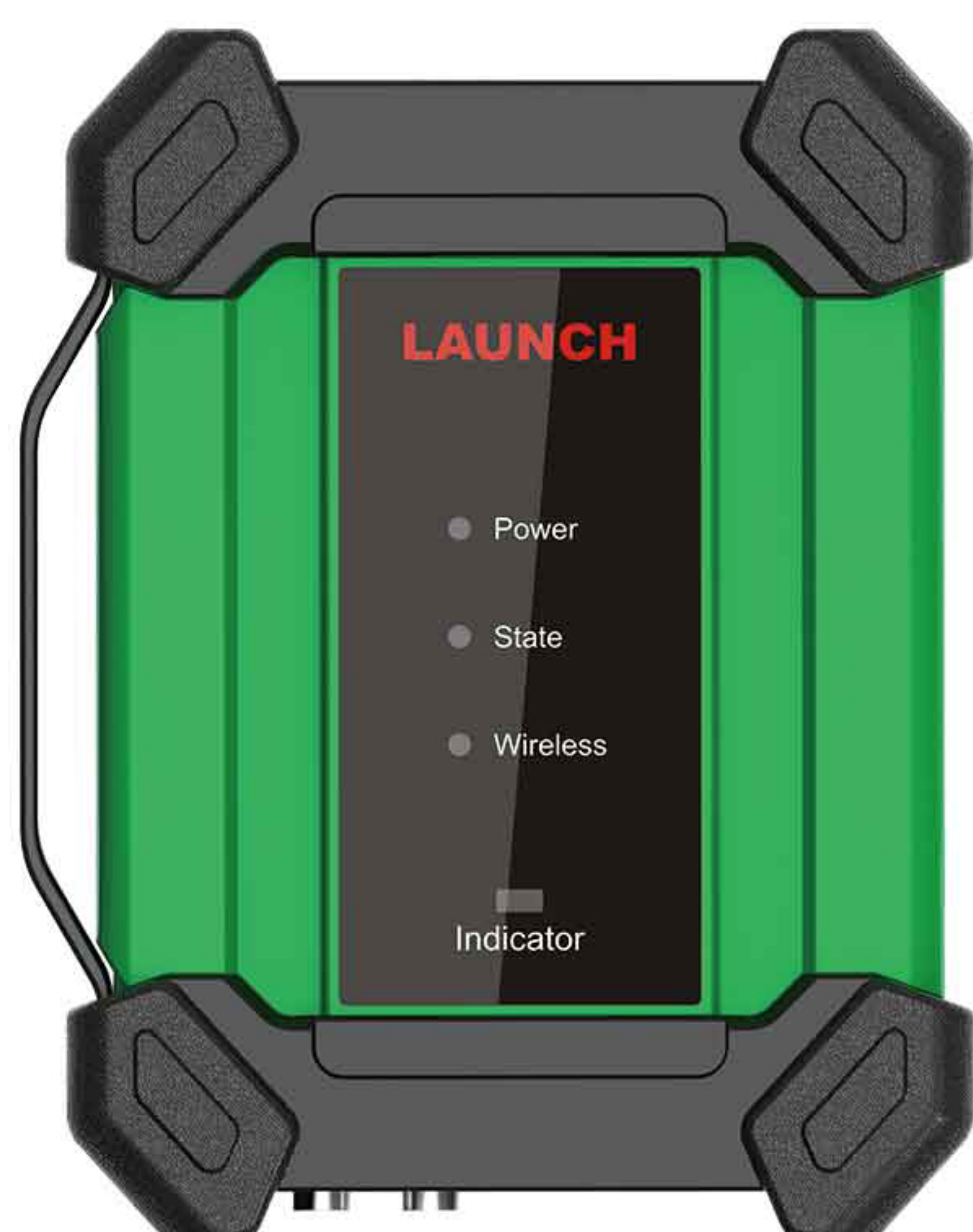


EM101N EV OSCILLOSCOPE AND MULTIMETER



The detection and maintenance of the power system is important for new energy vehicles. By viewing the waveform diagram, the maintenance progress can be improved. This product integrates the functions of a multimeter and a dual-channel oscilloscope, which can be used for two purposes. The brand-new diagnostic APP is user-friendly, easy to use and convenient, supports the function of saving and opening waveforms locally.

FEATURES

- Combined with the characteristics of dual-channel oscilloscope and multimeter.
- The anti-fall rubber sleeve increases the protection of the product, and the unique fuse plug-in design is convenient for replacement.
- With X-431 diagnostic tool, it can be connected wirelessly or in wired mode, which can be freely selected.
- With X-431 diagnostic tool, the new UI design supports three display modes, which can be freely switched.
- Needle sets, multimeter pens, alligator clips, oscilloscope channel test leads, etc. are all available.

SPECIFICATIONS

DC Voltage	Automatic range, test range: $\pm 600V$
AC Voltage	Automatic range, test range: $\pm 600V$
DC Current	Automatic range, test range: $\pm 10A$ (It is necessary to connect an external sensor for large range current.)
AC Current	Automatic range, test range: $\pm 10A$. Average value measurement (It is necessary to connect an external sensor for large range current.)
Resistance	Automatic range, test range: $0\sim 6M\Omega$
On And Off	Tweet when less than 30Ω
Diode	$0.5V\sim 2.0V$
Battery Capacity	3100mAh
Bandwidth	10MHz
Channel	Two analog channels
Real-Time Sampling Rate (Max)	50MHz/s
Time Base Range	$1\mu s/div\sim 10s/div$, step by $1\sim 2\sim 5$ times

Sampling Mode	Normal sampling, peak detection, average
Buffer Memory	1M
Input Coupling	DC, AC, grounded
Input Resistance	$1M\Omega\pm 2\%$, Parallel with $15pF\pm 5pF$
Vertical Sensitivity	$2mV/div\sim 5V/div$
Vertical Resolution	8bits
Maximum Input Voltage	40V peak value (DC + AC peak value)
Probe Attenuation Factor	1X, 10X, 100X (probe support required)
Trigger Type	Edge trigger, pulse width trigger
Trigger Mode	Auto, normal, single
Automatic Measurement	Peak-to-peak value, average value, maximum value, minimum value, top value, bottom value, frequency, period

All features, functions and specifications are subject to change without notice.

