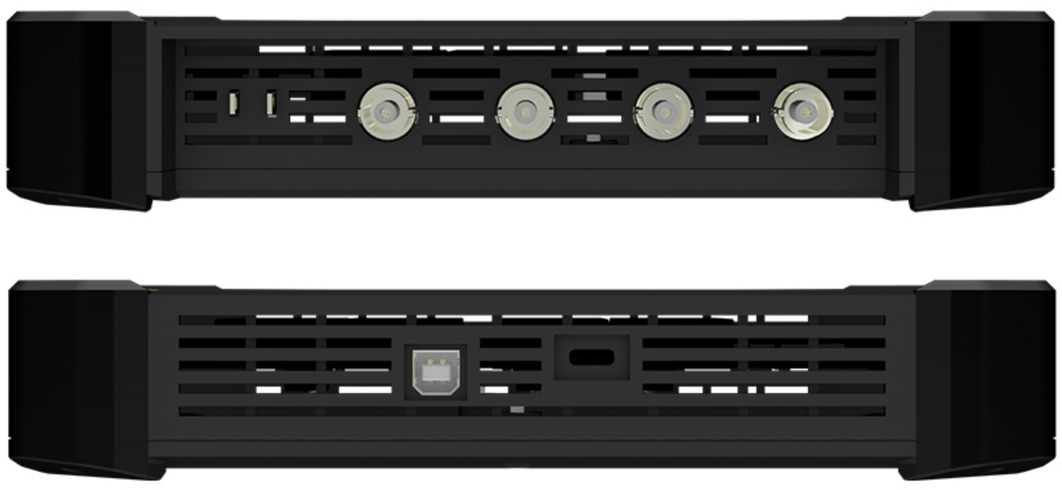


VDS8000 Sereis

Automotive Oscilloscope

Android

Windows





- **Support Android & Windows Dual Platform**
  Compatible with both tablets and PCs for flexible operation.
- **Built-in 78 Standard Automotive Waveforms**
  Includes reference waveforms for various sensors including speed sensors, position sensors, temperature sensors, pressure sensors, etc.
- **CAN/LIN Hardware Decoding**
  Enables rapid communication system analysis for quick fault localization with enhanced accuracy.
- **Automotive-Specific Interface**
  Engineered for repair professionals: No calculations or zero-point calibration needed. Waveform values can be directly read via the vertical axis.
- **One-Click Oscilloscope Setup**
  Users can select the sensor type to automatically configure the oscilloscope and instantly acquire relevant waveform data.
- **Waveform Recording & Playback**
  Supports 1000-frame waveform loop recording for diagnosing intermittent faults.
- **USB Device Data Transfer**
  Provides standard commands and programming examples to facilitate secondary customization and system integration.

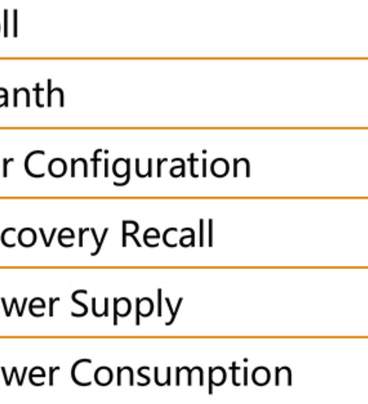
+ Specifications

Model	VDS8104
Bandwidth (-3 dB)	100MHz 4CH
Sample Rate（Max)	1GSa/s（single channel）；500MSa/s（dual channel）；250MSa/s（full channel)
Scanning Speed(s/div)	1ns/div~1ks/div，step by 1-2-5
Acquire mode	Sample
Time Base	±20ppm（typical)
Record Length	Auto, 10K, 100K, 1M, 10M
Input Coupling	DC, AC
Input Impedance	1MΩ±1.5%，parallel with 15pF ± 5pF
Waveform inverted	Support
Vertical Resolution (A/D)	8-bit
DC Gain Accuracy	±3%
Scanning speed (S/div)	5mV/div~10Vdiv, step by 1-2-5
Bandwidth limit	20MHz，Full bandwidth
Probe attenuation coefficient	1X，10X，20X，50X，100X，200X，500X，1kX，2kX，5kX，10kX
Channel-channel isolation	50Hz: 100 : 1; 10MHz: 40 : 1
Waveform Interpolation	Sin(x)/x
Single bandwidth	Full bandwidth
Trigger type	Edge Trigger / Pulse Trigger / CAN Trigger / LIN Trigger
Trigger mode	Auto, Normal, Single
Cursor Measurement	Horizontal cursor, Vertical cursor, Phase scale
Auto measurement	23 types of measurements
Decode Type	CAN, LIN
Auto setting	supported
Storage	Wavefrom, Configuration
Display	YT、Zoom、Roll
Roll	200ms/div～1ks/div
Manth	Dual waveform，FFT
Car Configuration	Start,ignition,sensors,actuators,comprehensive,etc
Recovery Recall	Waveform，Configuration
Power Supply	USB typeC, DC Power 5V/2A; USB typeB（≥4.8V/2A）
Power Consumption	≤10W
Working / Storage temperature	0℃～60℃ / -20℃～70℃
APP Support	The APP supports both Windows and Android respectively

Specifications subject to change without prior notice.

+ Accessories The accessories subject to final delivery.

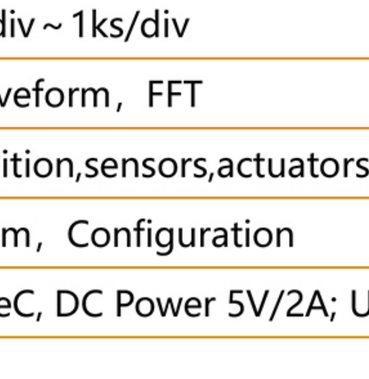
Optional



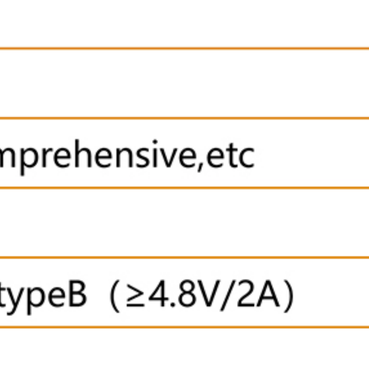
20_1 Attenuator
(Order No.7ATT-A01)



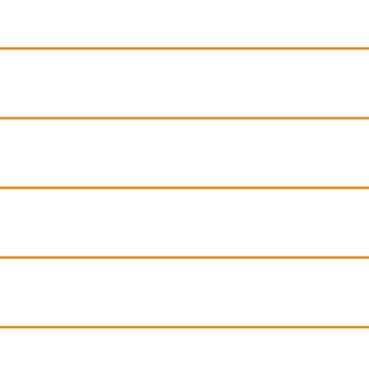
Alligator Clip Set
(Order No.7CP-A01)



Acupuncture Probe Set& Test Clip
(Order No.7CP-A02)



Automotive diagnostic leads
(Order No.7Lead-A01)



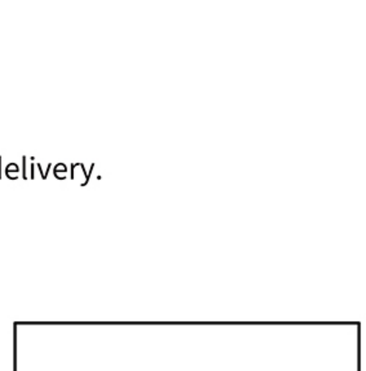
Auto Ignition Probe
(Order No.7Lead-A02)



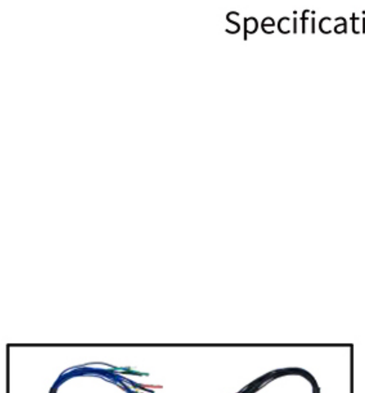
COP Extension Cord
(Order No.7Lead-A03)



Auto Test Leads
(Order No.7Lead-A04)



CP024 Probe
(Order No.8CP024)



Instrument Case
(Order No.7BAG-A01)

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