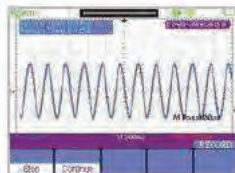




SHS800 Handheld Digital Oscilloscope

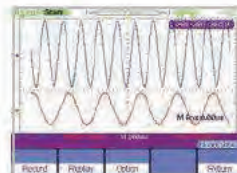
Application

- Automotive electronics, electric automobile test
- Power system strong electricity test
- Plant automation control system



High-performance oscilloscope

- Bandwidth: 100MHz, 50MHz
- Real-time sampling rate: 1GSa/s
- Memory depth: 2Mpts



Data recorder function

- 7M internal storage, up to 18 hours recording time
- USB port, up to 3000 hours recording time
- Record, replay function supported



High precision multimeter

- 6000 counts display
- Accurate measurement of DCV, ACV, DCI, ACI
- Accurate measurement of Resistance, Diode, Capacitance, Continuity



Trend Plot

- 32 measurement trend plot analyzer
- Scope: 800k/CH points capacity, more than 24 hours recording
- Meter: 1.2M points capacity 6000 hours recording time at 0.05Sa/s



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Oscilloscope Specification

Model	SHS820	SHS810	SHS806
Bandwidth	200MHz	100MHz	60MHz
Rise time	≤1.75ns	≤3.5ns	≤5.8ns
Real time sampling rate	500MSa/s	1GSa/s	
Equivalent sampling rate	50GSa/s		
Vertical sensitivity	2mV-100V/div		
Time base range	2.5ns – 50ns/div		5ns – 50s/div
	Scan:100ms-50s/div		
Memory depth	32Kpts	2Mpts	
Triggering	Edge, Pulse, Video, Slope ,Alternative		
Vertical resolution	8bit		
Triggering frequency counter	6 digits		
Data Recorder	7M points		
Trend plot	800K/CH		
Interface	USB Device, USB Host		
Math operation	+, -, *, /, FFT		

Multimeter Specification

Maximum resolution	6000 Counts	
Item	Range	Accuracy
DC Voltage	60mv	±1%±15digit
	60mv-1000v	±1%±5digit
AC Voltage	60mv	±1%±15digit
	600mV-750V	±1%±5digit
DC Current	60 mA	±1%±5digit
	6A-10A	±1.5%±5digit
AC Current	60 mA	±1%±5digit
	6A-10A	±1.5%±5digit
Capacitance	40nF	±3%±10digit
	400nF-400μF	±4%±5digit
Resistance	600Ω-60MΩ	±1%±5digit
Continuity	<50Ω Buzzer sounds	
Diode	0V-2V	
Trend plot	1.2M points	
Measuring mode	Manual/Auto	

General Feature

Display	5.7 inches color TFT-LCD, 320*234
Power supply	Charging/Battery
Power mode	Lithium battery: 7.4V 5000mAh, Battery lasts >5 hours; DC adapter, 100-240V 50/60Hz input, 9V 4A output
Net weight	1.5 Kg
Dimension	259.5mm*163.2mm*53.3mm
Accessories	Two passive probes, multimeter pen, USB data cable, DC adapter, manual, CD.



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