



- + Oscilloscope + multimeter + waveform generator, multifunction in one
- + 3.5-inch high-resolution, high-contrast color LCD display, can work continuously for about 6 hours
- + USB Type-C interface, support power bank,
- + Self-calibration function
- + 18650 lithium battery, comprehensive power consumption $\leq 3W$, support PC software connection
- suitable for outdoor use
- + SCPI supported, facilitate secondary development

[Performance Characteristics]

Model	HDS2202	HDS2202S
Bandwidth		200MHz
Channel	2	2+1(signal generator)
Sample rate		1GSa/s
Acquisition model		Sample, Peak detect
Record length		8K
Display		3.5 inch LCD
Waveform refresh rate		10000 wfms/s
Input coupling		DC, AC ,Ground
Input impedance		1 M Ω $\pm$ 2%, in parallel with 16 pF $\pm$ 10 pF
Probe attenuation		1X,10X,100X,1000X,10000X
Max. input voltage		400V (DC+AC, PK - PK)
Bandwidth limit(typical)		20MHz / Full bandwidth
Sampling rate range		2ns/div~1000s/div,step by 1 - 2 - 5
Sensitivity Resolution		10mV/div~10V/div
Low Frequency (-3db)		≥ 10 Hz (at input, AC coupling)
Rise time (at input, Typical)		≤ 1.75 ns
Trigger type		Edge
Trigger model		Auto, Normal, single
Trigger level range		± 4 div from the screen center
Automatic measurement		Period, Frequency, Mean, PK-PK, Max, Min, Amplitude
Cursor measurement		ΔV , ΔT , $\Delta T \& \Delta V$ between cursors,auto cursor
Communication interface		USB Type-C

[Digital Multimeter Specification]

Full scale reading	4 $\frac{1}{2}$ digitals (max 20000 count)
Testing Modes	Voltage, Current, Resistance, Capacitance, Diode ,Continuity
Maximum Input Voltage	AC 750V, DC 1000V
Maximum Input Current	DC : 10A AC : 10A
Diodes Test	0-2V

	Measurement Range	Accuracy
DC Voltage	200.00mV	$\pm(0.3\%+10 \text{ dig})$
	2.0000V/20.000V/200.00V	$\pm(0.3\%+5 \text{ dig})$
	1000.0V	
AC Voltage	200.00mV/2.0000V/20.000V/200.00V	$\pm(0.8\%+10\text{dig})$
	750.00V	$\pm(1\%+10\text{dig})$
DC Current	200.00mA	$\pm(0.8\%+10\text{dig})$
	10.000A	$\pm(2.5\%+10\text{dig})$
AC Current	200.00mA	$\pm(1\%+10\text{dig})$
	10.000A	$\pm(2.8\%+10\text{dig})$
Resistance (Ω)	200.00 Ω /2.0000k Ω /20.000k Ω /200.00k Ω /2.0000M Ω	$\pm(0.8\%+10\text{dig})$
	20.000M Ω	$\pm(1\%+3\text{dig})$
	100.00M Ω	$\pm(5\%+10\text{dig})$
Capacitance (F)	20.000nF/200.00nF/2.0000 μ F/20.000 μ F/200.00 μ F/2.0000mF	$\pm(3.0\%+10\text{dig})$
Frequency response (Hz)	(40 - 1000) Hz	

[Signal Generator Specification] (HDS2202S)

Frequency Output	Sine	0.1Hz~25MHz
	Square	0.1Hz~5MHz
	Ramp	0.1Hz~1MHz
	Pulse	0.1Hz~5MHz
	Arbitrary Waveform	0.1Hz~5MHz
Sample Rate	125MSa/s	
Channel	1	
Amplitude	20mVpp-5Vpp (high impedance) , 10mVpp-2.5Vpp (50 Ω)	
Waveform length	8K	
Vertical resolution	14bits	
Load impedance	50 Ω	

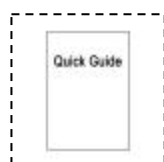
+ Accessories (the accessories subject to final delivery)



Power Cord



Probe



Quick Guide



USB Cable



Multimeter Lead



Probe Adjust



Soft Bag



BNC plug to alligator clips cable