

INTRODUCTION

The DST-210 & DST-201 are cost-effective 3 in 1 handheld multimeters, built in oscilloscope and signal generator. It enables to provide precise measurement of normal electrical parameters, and the generation of typical signals as well, and it can help analyze transient waveforms within circuits. They have characteristics like ergonomic design, lightweight, positions them as universal instruments designed for engineers. They can be applicable for many fields, such as primary users, DIY application, home appliance repair, car maintenance, measuring electricity, experimental teaching, etc. It is ideal for applications requiring simultaneous signal waveform analysis and voltage, current, and other electrical measurements.

FEATURES

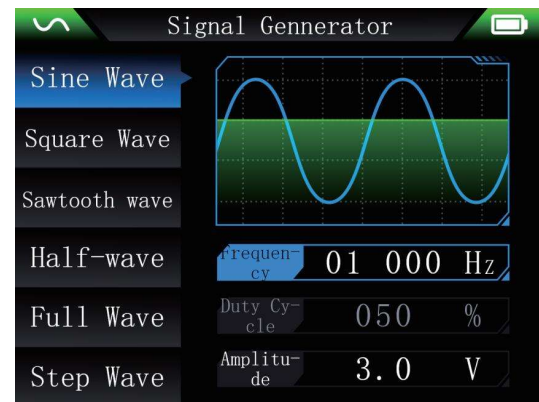
- Both are 3-in-1 20000 counts Multimeter, built in Oscilloscope & Signal Generator
- Matched with 2.8-inch TFT color display
- Real-time curve recording
- Data hold and overload protection
- Standby time achieves over 15h
- Classical knob operation with rapid responses
- DST-210 has 10MHz 48MSa/s Oscilloscope and 50kHz Signal Generator 13 types of signal
- DST-201 has 1MHz 5MSa/s Oscilloscope and 10kHz Signal Generator 13 types of signal
- Languages: Chinese/English



DST-210



DST-201



13 types Waveforms

TECHNICAL SPECIFICATIONS

Digital Multimeter		
	DST-210	DST-201
Overvoltage Category	CAT IV 600V / CAT III 1000V	
Display Count	20000	
DC Voltage (V)	1.9999V / 19.999V / 199.99V / 1000V Accuracy: $\pm(0.5\%+3)$	
AC Voltage (V)	1.9999V / 19.999V / 199.99V / 750.0V Accuracy: $\pm(1\%+3)$	
DC Current (A)	19.999mA / 199.99mA / 1.9999A / 9.999A Accuracy: $\pm(1.2\%+3)$	
AC current (A)	19.999mA / 199.99mA / 1.9999A / 9.999A Accuracy: $\pm(1.5\%+3)$	
Resistance (Ω)	19.999M Ω / 1.9999M Ω / 199.99K Ω / 19.999K Ω Accuracy: $\pm(0.5\%+3)$ 1.9999K Ω /199.99 Ω Accuracy: $\pm(2.0\%+3)$	
Capacitance (F)	999.9uF/99.99uF/9.999uF/999.9nF/99.99nF/9.999nF Accuracy: $\pm(2.0\%+5)$ 9.999mF/99.99mF Accuracy: $\pm(5.0\%+20)$	
Frequency (Hz)	9.999MHz/999.9KHz/99.99KHz/9.999KHz/999.99Hz/99.99Hz/9.999Hz Accuracy: $\pm(0.1\%+2)$	
Temperature ($^{\circ}$ C)	(-55~1300 $^{\circ}$ C)/(-67~2372 $^{\circ}$ F) Accuracy: $\pm(2.5\%+5)$	
Diode		✓
Continuity Test		✓
Live		✓

Oscilloscope		
	DST-210	DST-201
Bandwidth	10MHz	1MHz
Channels	1CH	1CH
Sampling Rate	48MSa/s	5MSa/s
Time Base Scale	50ns/div~20s/div	500ns/div~20s/div
Vertical Sensitivity	10mV/div~10V/div(x1)	
Input Impedance	1M Ω	
Trigger Types	Auto/Normal/Single	
Auto Measurements	Max, Min, Avg, RMS, VPP, Amp, Freq, Period, Duty Cycle, Width; 10 types	

Waveform Generator		
	DST-210	DST-201
Max frequency	50KHz	10KHz
Channels	1CH	
Waveform Amplitude	0.1V-3V	
Square Duty Cycle	0-100% (Square & Sawtooth adjustable)	
Waveforms	sine wave, square wave, sawtooth wave, half wave, full wave, ladder wave, anti-ladder wave, exponential rise, exponential fall, DC, multitone, sinc pulse, lorentz wave, 13 types	

GENERAL CHARACTERISTICS

	DST-210	DST-201
Product Color	Black&Blue	
Product Net Weight	298g	
Product Size	177*87.5*34.5mm	
Standard Carton	56*47.5*22cm	
Display	2.8-inch TFT high-definition color screen	
Carton Gross Weight	16.8kg	
Battery	3.7V/3000mAh lithium battery, Standby time 15 hours	
Quantity Per Carton	25PCS	