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**DS5000C series** Digital Oscilloscopes are another new products with outstanding performance we developed recently. It meets the different requirements of the customers.

DS5000C has all the features and performances of DS5000CA. The main difference between them is Real-time Sample Rate of DS5000C is 250MSa/s.

## DS 5000C (DS5152C/DS5102C/DS5062C)

### 1. Features

- Bandwidth: 150M(DS5152C), 100M(DS5102C), 60M(DS5062C)
- Sample Rate(Realtime): 250MSa/s
- Equivalent Sampling Rate: 50GSa/s
- 2 Channels
- Memory: 4K per channel
- Display: Color LCD
- Autoset
- Auto Calibration
- Ultrazoom: Enable fine display while viewing details
- 20 Automatic Measurements
- Multi-language User Interface
- 10 Waveforms and 10 Setup Memories
- Built-in FFT, Digital Filter, Pass/Fail, Waveform Record Functions
- Built-in USB interface
- Extended Capabilities are provided with optional EM5-CM, EM5-COM, EM5-P/F
- Ultrascope: PC control software

### 2. Specifications ( DS5152C/DS5102C/DS5062C )

	DS5152C	DS5102C	DS5062C
Channels	2	2	2
Bandwidth	150MHz	100MHz	60MHz
Vertical Sensitivity	2mV/div to 5V/div		
TimeBase	1ns/div to 50s/div		
Sample Rate	250MSa/s		
Equivalent Sampling	50GSa/s		
Input Impedance	1 M $\Omega$ , approx. 13 pF		
Input Coupling	DC, AC or GND		
Trigger Type	Edge, Video, Pulse		
Trigger Mode	Auto, Normal, Single		
Trigger Source	CH 1, 2, ext, ext/5 or ext(50 $\Omega$ )		
Horizontal Accuracy	$\pm 0.01\%$		
Vertical Resolution	8bits		
Auto Measurement	Vpp, Vrms, Vamp, Vmax, Vmin, Vtop, Vbase, Vavg, Overshoot, Preshoot, Freq, Period, +Width, -Width, Risetime, Falltime, +Duty, -Duty, etc.		
Math	+, -, x, $\div$ , FFT		

Storage		10 Waveforms (2CH), 10 Sets		
FFT	Window	Hanning, Hamming, Blackman-Harris, Rectangular		
	Sample	1024 points		
XY-PLOT	Bandwidth	150MHz	100MHz	60MHz
	Phase diff	±3 degrees		
Display		VGA color, 320x240		
Power		Worldwide use, 100~225V/40W		
Net Weight		4.5Kg		
Dimension (excl. handle)		303mmx145mmx288mm		
Accessory		Probex2(1:1/10:1), Power Cable, ToolsBag, User manual		
Option		Extension Module (EM5-CM, EM5-COM, EM5-P/F) ToolsBag,		

### 3. Software and User Manual

	File name	Size
DS5000 User Manual	<a href="#">DS5000 User Manual</a>	1.12M
Scope Kit for DS5000 Series	<a href="#">Scope Kit for DS5000</a>	4.52M

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