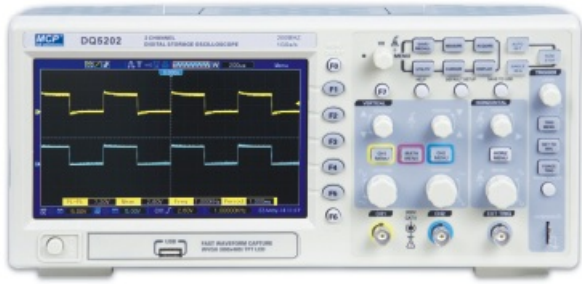
DQ5000 SERIES CE NEW

Features

. 1GSa/s sampling rate
. 7 inch wide rectangle colour LCD
. 32 kinds of automatic measurement function
. FFT function
. Auto-setting for quick setup and waveform acquisition
. Advanced cursor modes: manual, auto and track
. 40k memory length



DQ5202

Technical Data		DQ5072	DQ5102	DQ5202
Display	Type	7" rectangle colour LCD		
	Display resolution	800 horizontal×480 vertical pixels		
	Display contrast	Adjustable		
Vertical system	Sensitivity	2mV / div~10V /div		
	Vertical resolution	8bit		
	Width of band (-3dB)	70MHz	100MHz	200MHz
	Rise time	≤5ns	≤3.5ns	≤1.7ns
	Single-shot band width	70MHz	100MHz	200MHz
	Input coupling	DC, GND, AC		
	DC gain accuracy	±3% (10mV/div~5V/div)	±4% (2mV/div~5mV/div)	
Horizontal system	SEC/DIV range (at 2-4-8 sequence)	4ns/div~80s/div	4ns/div~80s/div	2ns/div~80s/div
	Sampling rate range	1GSa/s		
	Waveform interpolation	(Sinx)/x		
	memory depth	40k		
	Sampling rate and delay time accuracy	±50ppm over any ≥1ms time interval		
	Delta time measurement accuracy	Single ±(1 sampling interval time+100ppm×rdg+0.6ns) Average ±(1 sampling interval time+100ppm×rdg+0.4ns)		
Trigger system	Mode	Auto, Normal, Single		
	Type	Edge, Pulse Width, Video, Slope, Overtime, Alternate trigger		
	Hold off range	100ns ~ 10s		
Math		+, −, ×, ÷		
		FFT		
Acquire Input	Acquisition mode	Normal, Peak Detect, Average		
	Input coupling	DC, GND, AC		
	Input impedance	1MΩ ±2% 20pF±3pF		
	Probe attenuation	1×, 10×		
	Supported probe attenuation factor	1×, 10×, 100×, 1000×		
	Max. input voltage	300V (DC+AC peak, 1MΩ) Voltage difference (△V) between cursors		
Measurement	Cursor	Time difference (△T) between cursors Reciprocal of △T in Hz (1/△T)		
	Auto-measure	Frequency,Period,Mean,Pk-Pk,Cycil RMS,Min.,Max.,Rise time,Fall time,+Pluse width -Pulse width,Delay1-2Rise,Delay1-2Fall,+Duty,-Duty,Vbase,Vtop,Vmid,Vamp Overshoot,Preshoot,Preiod Mean,Preiod RMS,FOVShoot,RPREShoot,BWIDTH FRF,FFR,LRR,LRF,LFR,LFF		
I/O	Standard	USB(H)		
Calibrator signal	Output voltage	5V (≥1MΩ load)		
	Output frequency	1kHz		
Power source		100~120V, 45Hz~440Hz; 121~ 240V, 45Hz~66Hz; 30VAMax; CAT II		
Dimensions		313(W) × 108(H) × 142(D)mm		
Weight		2kg		
Accessories		Operation manual, power cord, USB cable, probe×2, software CD-ROM		

DQ8000C SERIES CE NEW

Features

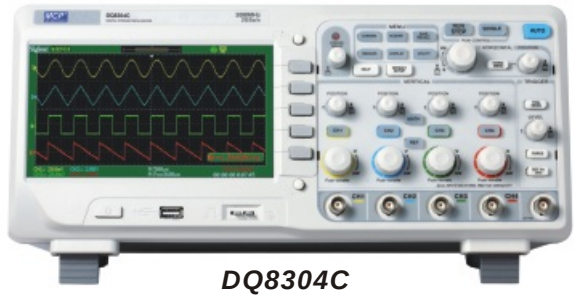
.4 channel oscilloscope

.2GSa/s sampling rate and 50GSa/s equivalent sampling rate

.1024k recording length, 24k memory depth

.7″ color TFT-LCD display

.USB-host/device



DQ8304C

Technical Data		DQ8074C	DQ8104C	DQ8204C	DQ8304C
Channels		4			
Sampling rate		2GSa/s (4 channels total)			
Equivalent sampling rate		50GSa/s			
Display	Type	7″ TFT-color LCD			
	Back light intensity	300 nit			
	Display resolution	480 horizontal × 234 vertical pixels			
Vertical system	Sensitivity and accuracy	2mV/div~5V/div			
	Vertical resolution	8 bit			
	Width of band (-3dB)	DC (AC 5Hz) 0 ~ 70MHz	DC (AC 5Hz) 0 ~ 100MHz	DC (AC 5Hz) 0 ~ 200MHz	DC (AC 5Hz) 0 ~ 300MHz
	Selectable analog bandwidth limit	70MHz	100MHz	200MHz	300MHz
	Rise time	≤5.0ns	≤3.5ns	≤1.7ns	≤1.2ns
	DC gain accuracy	±4%(2mV/div) ±3%(5mV/div~5V/div)			
	DC measurement accuracy	±(3%+0.2div+2mV)(2mV/div~100mV/div)		±(3%+0.2div+100mV)(200mV/div~5V/div)	
Horizontal system	SEC/DIV range (at 1-2-5 increment)	1ns~50s/div			
	Waveform interpolation	Sin(x)/x, linear			
	Recording length	1024k			
	Menory depth	24k (Max.)			
	Sampling rate and delay time accuracy	±50ppm (any time interval ⩾1ms)			
Trigger system	Mode	Auto, normal, single			
	Type	Edge, pulse width, video, slope, alternate			
	Hold off range	20ns~10s			
Math		+, −, ×, ÷ FFT (Hanning, Hamming, Blackman, Rectangle)			
Acquire input	Input coupling	DC, GND, AC			
	Input impedance	1MΩ ±2% 18pF±3pF			
	Probe attenuation	1×, 10×			
	Supported probe attenuation factor	1×, 5×, 10×, 50×, 100×, 500×, 1000×			
	Max. input voltage	400V (DC+AC peak)			
Measurement	Cursor	Voltage difference (ΔV) between cursors Time difference (ΔT) between cursors Reciprocal of ΔT in Hz (1/ΔT)			
	Auto-measure	Vpp, Vmax, Vmin, Vamp, Vtop, Vbase, Vavg, Mean, Crms, Vrms, ROVShoot, FOVShoot, RPREShoot, Rise time, Fall time, Freq, Period, +Wid, -Wid, +Dut, -Dut, BWid, Phase, FRR, FRF, FFR, FFF, LRR, LRF, LFR, LFF			
	Saving waveforms	20 groups of waveforms and 20 setups			
I/O		USB(D), USB(H), LAN, Pass/Fail out			
Calibrator	Output voltage	3V (⩾1MΩ load)			
	Output frequency	1kHz			
Power source		100~240VACrms, 45~440Hz; 50VA Max; CAT Ⅱ			
Dimensions (W×H×D)		358×118×156mm			
Weight		4.5kg			
Accessories		Operation manual, power cord, USB cable, probe×4, sofrware CD-ROM			