

DIGITAL STORAGE OSCILLOSCOPE [MODEL : UQ3000C / CA / CML]



SALIENT FEATURES

- ◆ 500MSa/s / 1GSa/s / 2GSa/s Sampling Rate
- ◆ 2 Channels / 4 Channels
- ◆ 5.7in LCD Color Display
- ◆ USB Host/Device: Support USB Printer and USB Flash Drive
- ◆ PictBridge Function
- ◆ Easyscope Software
- ◆ 12 Languages

MODEL INDEX	UQ3152CA / CM	UQ3102CA / CM	UQ3062CA / CM	UQ3042C / CM	UQ3022C
Bandwidth	150MHz	100MHz	60MHz	40MHz	25MHz
Sampling Rate	UQ3000CA/CM: 1GSa/s, UQ3000C+: 500MSa/s				
Equivalent Sampling Rate	50GSa/s			25GSa/s	10GSa/s
C+ Series	Single Channel: 32Kpts; Double Channels: 16Kpts				
Memory Depth CA Series	Single Channel: 40Kpts; Double Channels: 20Kpts				
CM Series	Single Channel: 2Mpts; Double Channels: 1Mpts				
Rise Time	<2.3ns	<3.5ns	<5.8ns	<8.8ns	<14ns
Input Impedance	1Mohm 14pF				
	2.5ns/div-50s/div		5ns/div-50s/div	10ns/div-50s/div	25ns/div-50s/div
Sec/div Range	Scan: 100ms-50s/div				
Horizontal Scan Range	2.5ns/div-50s/div	2.5ns/div-50s/div	5.0ns/div-50s/div	10ns/div-50s/div	25ns/div-50s/div
Analog Bandwidth (at input BNC)	150 MHz	100 MHz	60 MHz	40 MHz	25 MHz

INPUT	
Input Coupling	AC, DC, GND
Input Impedance	DC: 1Mohm+/-2% 17pF +/-3pF AC: 1.2Mohm+/-2% 17pF +/-3pF, <=100mV/div 1.0MΩ+/-2% 17pF +/-3pF, >100mV/div
Maximum Input Voltage	+400V PK-PK CATI
Probe attenuator	1X, 10X
Vertical System	
Vertical Sensitivity	2mV-10V/div at input BNC (1-2-5 order) Vertical
Resolution	8 bit
Channels	2
Math operation	+, -, *, FFT
FFT	Window mode: Hanning, Hamming, Blackman, Rectangular Sampling points 1024

TRIGGER SYSTEM	
Trigger Types	Edge, Pulse Width, Video, Slope, Alternative
Trigger Modes	Auto, Normal, Single
Trigger Sources	Ch1-2, EXT, EXT/5, AC Line
Trigger Coupling	AC, DC, LF, rej, HF rej
CONTROL PANEL FUNCTION	
Auto Set	Auto adjusting the vertical, Horizontal system and Trigger position
Save/Recall	Support 2 Group referenced Waveforms, 20 Group setups, 20 Group captured Waveforms internal Storage/Recall function and USB flash driver storage function.
MEASURE SYSTEM	
Auto Measure	FPRESHoot, Rise time, Fall time, Freq, Period, +Wid,-Wid, Dut, -Dut, Bwid, Phase, FRR, FRF, FFR, FFF, LRR, LRF, LFR, LFF
Cursor Measure	Manual mode, Track mode and Auto mode
DISPLAY	
Display Mode	Color TFT 5.7in. (145mm) diagonal Liquid Crystal Display
Resolution	320 horizontal by 234 vertical pixels
Display color	64K color
Interface	USB Host, USB Device, RS232, Pass/Fail output
ENVIRONMENTS	
Temperature	Operating: 10°C to +40°C Not operating:-20°C to + 60°C
POWER SUPPLY	
Input Voltage	100-240 VAC, CATII, Auto selection
Frequency Scope	45Hz to 440Hz
Power	50VA Max
MECHANICAL	
Dimension	Length = 305 mm, Width = 133mm, Height = 154mm
Weight	2.3 kg

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Specifications subject to change without notice