

DSO068 vs DSO062

Function/Spec	DSO 062	DSO 068
Oscilloscope		
Number of Channel	1	1
Analog Bandwidth	1MHz	3MHz
Max Real-Time Sampling Rate	2MSa/s	2MSa/s
Max Equivalent-Time Sampling Rate	20MSa/s	20MSa/s
Timebase Range	0.5us – 10min	0.5us – 10min
Max Input Voltage	50Vpk	50Vpk
Sensitivity Range	0.1V/Div – 5V/Div	10mV/Div – 5V/Div
Resolution	8 bit	8 bit
Record Length	256 points	256, 512, 1024 points variable
Couple	DC, AC	DC, AC
Input Impedance	1M ohm	1M ohm
Waveform Save/Recall	Yes (6 sets, 256 bytes each)	Yes (1 set, max 1024 bytes)
Screen Image Upload	Yes	Yes
Waveform Data Upload	No	Yes
Test Signal	5V, 500Hz fixed	Amp: 0.3, 1, 3, 5V variable Freq: 1Hz – 4MHz variable
Trigger Mode	Auto, Normal, Single	Auto, Normal, Single
Trigger Slope	Rising, falling	Rising, falling
Trigger Level Range	-4 div -- +4 div	-4 div -- +4 div
Trigger Position	Fixed at 25% of buffer	1% - 100% of buffer variable
USB Scope *	No	Yes
Data Interface *	No	Yes
Data Logger *	No	Yes
Frequency Meter		
Measurement Range	5MHz	5MHz
Sensitivity	3Vpp (TTL)	0.2Vpp
FFT		
FFT Size	256, 512 variable	256, 512 variable
FFT Sample Rate	1 Sa/s – 2M Sa/s	1 Sa/s – 2M Sa/s
Other Features		
USB Connection	No	Yes
Power Supply	External	Battery / USB
Operation Panel	Tact switches	Silicone buttons + Rotary Encoder
Enclosure	Panels, open	Completely enclosed

Note: Items with “ * “ are not fully implemented as of current firmware (113-06801-040). Future firmware upgrade pending.