

# MEGATEK DUAL CHANNEL OSCILLOSCOPE

## MEGATEK DIGITAL OSCILLOSCOPE



- +Dual-channel Oscilloscope
- +25MHz Signal Generator
- +100MHz / 150MHz / 200MHz bandwidth
- +Dual-channel independent 1GS/s real-time sampling rate
- +20M memory depth
- +6-digit High-precision Frequency Counter
- +FFT Spectrum Analysis
- +Communicate with PC via USB Device interface, support SCPI and LabVIEW functions
- +7-inch TFT LCD display

Model	2D10	2D15	2D20
Bandwidth	100MHz	150MHz	200MHz
Channels	2 + 1 ( external)		
Sample Rate	Max 1GS/s		
Acquisition Model	Normal, peak detect, Averaging		
Input Coupling	DC, AC, Ground		
Input Impedance	1 MΩ±2%, in parallel with 16pF±10pF		
Probe Attenuation Factor	1X,10X,100X,1000X		
Record Length	20M		
Horizontal Scale (s/div)	2ns/div - 1000 s/div, step by 1 - 2 - 5		
Vertical Sensitivity	2mV/div ~ 10 V/div		
Waveform Math	+ , - , × , ÷ , FFT		
Waveform Storage	16 waveforms		
Automatic Measurement	Period, Frequency, Mean, PK-PK, RMS, Max, Min, Top, Base, Amplitude, Overshoot, Preshoot, Rise Time, Fall Time, +PulseWidth, -PulseWidth, +Duty Cycle, -Duty Cycle, Delay A-B, Delay A-B1, Cycle RMS, Cursor RMS, Screen Duty, Phase, +PulseCount, -PulseCount, RiseEdgeCnt, FallEdgeCht, Area, and Cycle Area.		
Trigger Type	Edge, Video		
Communication Interface	USB Host and Device		
Frequency Counter	available		

### Waveform Generator ( Optional)

Standard Waveforms	Sine wave, aquare wave, ramp wave, pulse wave,arbitrary wave	Arbitrary Waveforms	more than160 kinds
Max Frequency Output	25MHz	Arbitrary Waveform	0.1Hz ~ 5MHz
Sample rate	125MSa/s	Amplitude (50Ω)	0.005Vpp ~ 3vPP
Channel	1	Waveform Length	8k
DC Offset Range	±(3V) ( high resistance)	Load Impedance	50Ω

### other

Dimension ( L × H × D )	301 mm × 152 mm × 70 mm	Device	≈1.1kg
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### + Accessories The accessories subject to final delivery.

Specifications subject to change without prior notice.



Power Cord Quick Guide USB Cable Probe