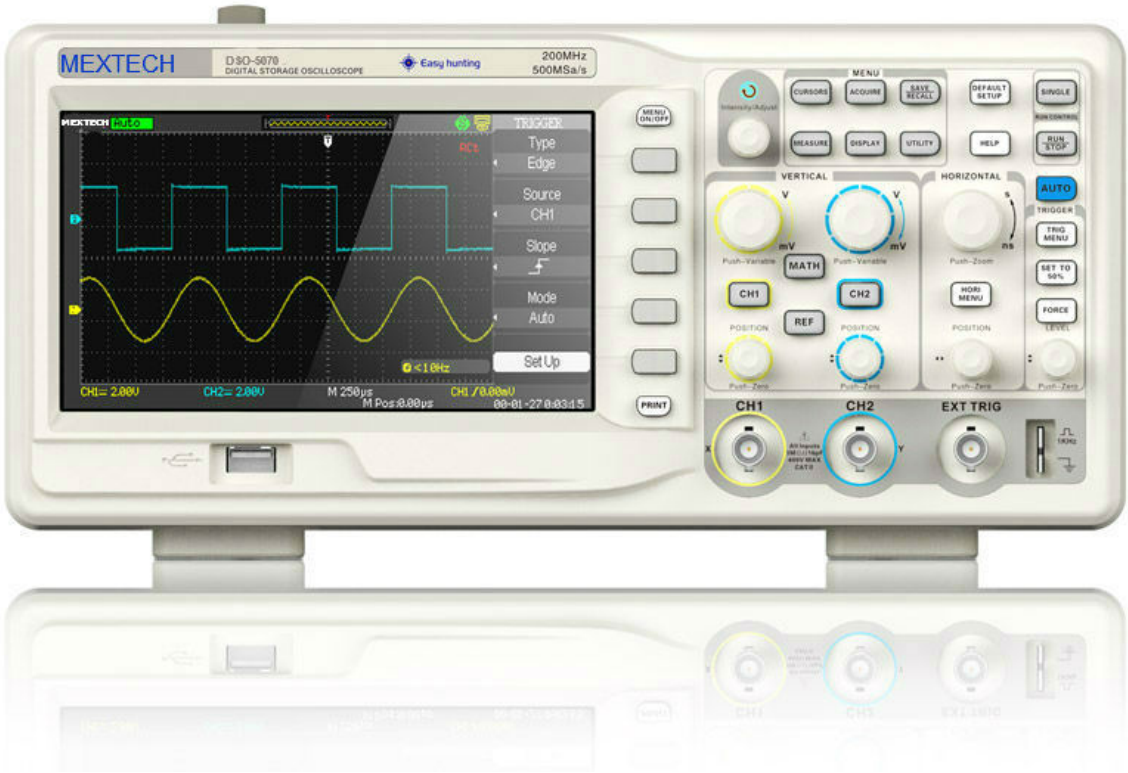
MEXTECH ™

INSTRUMENTS OF TOMORROW

DIGITAL STORAGE OSCILLOSCOPE DSO-5100



Features and Benefits:

- Up to 100MHz Bandwidth 1GSa/s sample rate
- 7"TFT-LCD display, 8*18 grids
- Channels: 2CH+1EXT
- Memory Depth: 40Kpts, 5Kpts/CH
- 6 digits hardware frequency counter, real time counting display
- Support SCPI programming command control
- Interface: USB Device, USB Host, RS-232, Pass/Fail
- Unique digital filter and data recorder function
- Embedded 12 languages, online help, one key storing and one key printing

Technical Parameters	
Model/Index	**DSO-5100**
Bandwidth	100MHZ
Channel	2 channels+1 ext trig
Real Time Sampling	500MSa/s
Equivalent Sampling Rate	50GSa/s
Memory Depth	32k
Rise time	<3.5ns
Input Impedance	1MΩ||17Pf

Time Base range	2.5ns/div-50s/div
	Scan- 100ms-50s/div
Vertical Sensitivity	2mv-5v/div
Vertical Resolution	8bit
Display	7"(178mm) color TFT(480*234) LCDv

CHARACTERISTIC:

- The highest Single real-time sampling rate can be up to 500MHzsa/s; Equivalent sampling rate is up to 50GSa/s.
- Memory Depth: 32Kpts, 5Kpts/CH
- Trigger types: Edge, Pulse Width, Video, Slope, Alternative
- Unique Digital Filter function and Waveform recorder function
- Support Pass/Fail function.
- Thirty two parameters Auto measure function.
- Save/recall types: Setups, Waveforms, CSV file, Picture.
- Support Multilingual On-line help system
- Waveform Intensity and Grid Brightness can be adjusted.
- Support twelve types Language
- Standard Configuration Port:
  USB Host: Support USB flash driver save/recall function and update firmware;
  USB Device: Support PictBridge compatible printer and support PC remote control;
  RS232;

Model/Index	**The Specifications Of DSO-5100**
Digital filter	High pass, Low pass, Band pass, Band Stop
Input coupling	DC, AC, GND
Input Max voltage	±400V(DC+AC Pk-Pk), CAT I, CAT II
Trigger Types	Edge, Pulse, Video, Slope, Alternative
Trigger Modes	Auto, Normal, Single
Trigger Source	CH1、CH2、Ext、Ext/5、AC Line
Save/Recall	Provide two groups reference waveforms, twenty groups capture waveforms and twenty groups setups internal save/recall function and USB flash drive Save/Recall function
Internal storage	2 groups of reference waveform, 20 groups of settings, 10 groups of waveforms
External storage	Bitmap save, CSV save, Waveform save, Setting save
Sample Types	Real Time, Equivalent Time
PC software	Can through the computer remote control oscilloscope, extraction waveform analysis data
Math	+、-、*、Invert
	FFT: Window: Hanning、Hanmming、Blackman、Rectangular
	FFT: Sampling Points: 1024 points
XY Mode	Phase Error- ±3 degrees Support the sampling rate : 5KSa/s～1GSa/s (in a 1-2-5 sequence)
Display Model	Main, Window, Window Zoom, Roll, X-Y
Menu Display	2Sec, 5Sec, 10Sec, 20Sec, Infinite
Display Language	Simplified Chinese, Traditional Chinese, English, Arabic, French, German, Russian, Spanish, Portuguese, Japanese, Korean, Italian
Power Source Voltage	100-240VAC、47HZ-440HZ、50VA Max
Connection	USB Host- Support USB flash drive storage USB Device- Support PictBridge compatible printers and PC Remote control

	RS-232-Support PictBridge compatible printers and PC Remote control Pass/Fail Interface Module
Accessories	(1:1、10:1)Problex2, EasyScope3.0 Computer Software System, Power Cord, USB cable, User Manual, Easy DsoLib software package
Remark	With original source seamless connection, form signal collection, produce integration system