

Digital Storage Oscilloscope

- ⇒ Dual analog channels, 1mV/div~20V/div wide test range
- ⇒ 7.0 inch display TFT color screen
- ⇒ Particular screen copy function
- ⇒ Support plug and play USB storage device, can connect with PC and remote control by PC
- ⇒ Software upgrading by USB host port
- ⇒ Waveforms call in and call out
- ⇒ Auto test 28 kind of waveform parameters
- ⇒ Transcribe and replay waveform functions
- ⇒ Many operation languages



MODEL	Bandwidth	Sampling Rate	Memory Depth	Screen
17087	25MHz	250M Sa/s	25k	7.0 inch TFT
17088	50MHz	500M Sa/s	1200k	7.0 inch TFT
17089	50MHz	1G Sa/s	1200k	7.0 inch TFT
17090	100MHz	1G Sa/s	1200k	7.0 inch TFT

Common Specifications

Display	12 divides full screen display, 7.0 inch color TFT screen, 320*240 resolution
Channels	2
Vertical Sensitivity	1mV/div~20V/div
Vertical Resolution	8bit
Waveform capture rate	≈2000wfms/s
Input coupling	DC, AC, GND
Input Max voltage	400V(Vpp)
Trigger Types	Edge, Pulse, Video, Slope, Alternative, Delay
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
Auto Measure Types	Vpp, Vmax, Vmin, Vamp, Vtop, Vbase, Vavg, Mean, Vrms, Crms, ROVShoot, FOVShoot, RPRESshoot, FPRESshoot, Freq, Period, Rise time, Fall Time, +Width, -Width, +Duty, -Duty, BWid, Phase, FRR, FRF, FFR, FFF, LRR, LRF, LFR, LFF
Cursor measure	Manual, Track, Auto
Sample Types	Real Time, Equivalent Time
Averages	4, 16, 32, 64, 128, 256
Math	+, -, *, /, Invert
FFT	Window: Hanning, Hamming, Blackman, Rectangular Sampling Points: 1024 points
XY Mode	Phase Error: ±3 degrees Support the sampling rate : 5Ksa/s ≈200MSa/s (in a 1-2-5 sequence)
Persist	Off, 1sec, 2sec, 5sec, Infinite
Display Model	Main, Window, Window Zoom, Roll, X-Y
Menu Display	2Sec, 5Sec, 10Sec, 20Sec, Infinite
Skin	Classical, Modern, Tradition, Succinct
Display Language	Simplified Chinese, Traditional Chinese, English, Arabic, French, German, Russian, Spanish, Portuguese, Japanese, Korean
Power Source Voltage	100-240VAC, 47HZ-440HZ, 50VA Max
Size and Weight	306mm × 147mm × 122mm, about 2.2kg
USB Host	Support USB flash drive storage
USB Device	Support PictBridge compatible printers and PC Remote control RS-232

ACCESSORIES

(1:1, 10:1) Probe x 2, Easy Scope Computer Software System, Power Cord, USB Cable, User Manual

OPTIONALS

GPIOB Communication Module, Serial Interface Communication Module, Pass/Fail Interface Module

Note: Specifications are subject to change.

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