



25MHz 2 Channel Digital Storage Oscilloscope

The ME4430 25MHz dual channel digital storage oscilloscope is designed for professional engineers, however its ease of use and range of features make it ideal for technicians, electronic enthusiasts and in education. The ME4430 is perfect for classroom use.

- Ultra stability
- High powered digital signal processing
- Great functionality with display panel and control panel
- Intuitive, logical and easy to use
- Extremely attractive price

Each DSO is supplied with 2x probes (1:1, 10:1), Easy Scope software installation CD, USB cable and user manual.

Additional Features

- Dual channel - channel bandwidth: 25MHz
- Convenient carry handle
- Colour TFT LCD
- Screen Saver Function
- The real time sampling rate: 500MSa/s
- Memory depth of 2M
- Trigger Modes: Edge, Pulse, Video, Slope, Alternative and Delay trigger modes
- Front and back USB ports
- Unique Digital Filter function and Waveform recorder function
- Waveform recorder function
- Pass/Fail function
- Thirty two parameters Auto measure function
- Cursor measure covers Manual mode, Track mode and Auto mode
- Channel waveform and it's FFT waveform displayed on split screen
- Pop-up style menus

Specifications

ME4430 - Atten Model No. ADS1022C

Bandwidth	25MHz
Sampling Rate	500MSa/s
Equivalent Sampling Rate	50GSa/s
Memory Depth	Single Channel: 2M Double Channels: 1M/CH
Rise Time	<14ns
Input Impedance	1M Ω 13pF
Sec/div Range	25ns/div-50s/div Roll 100ms-50s/div
Display	Color (320*234) 5.7" TFT LCD
Vertical Sensitivity	2mv-5v/div(1-2-5 Sequence)
Vertical Resolution	8bit
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	Provides two group reference waveforms, 20 groups capture waveforms and 20 groups setup 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, RPREShoot, 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	1024 points
XY Mode	Phase Error: ± 3 degrees support the sampling rate : 5KSA/s200MSa/s (in a 1-2-5 sequence)
Persist	Off, 1sec, 2sec, 5sec, Infinite
Power	100-240VAC, 47HZ-440HZ, 50VA Max
Size and Weight	305mmx154mmx133mm, approx2.3kg
USB Host	Support USB flash drive storage
USB Device	Support PictBridge compatible printers and PC Remote control RS-232

Distributed by

Wiltronics Research Pty. Ltd.

Unit 4 Cnr Ring Rd & Sturt Street Ballarat, Victoria 3350

Phone: (03) 5334 2513 Fax: (03) 5334 1845

Email: sales@wiltronics.com.au Web: www.wiltronics.com.au