



200 MHz/2 CH Digital Storage Oscilloscope with 66 MHz/16-CH logic analyzer

200 MHz Digital storage oscilloscope of the latest generation with 16 CH logic analyzer and 20 cm (8")-TFT- color display, high resolution, with backlight and USB function benefits faster and larger data communication. The current electronic products become more complicated as the number of digital circuits and serial bus systems increase; the testing signal often mixes analog and digital signals, so the engineer needs a test instrument, that could test both of analog and digital signals. Provides versatile applications for educations, training centers, repair and maintenance and satisfies increasing needs of higher performance.

- save data directly to an USB-stick
- 200 MHz bandwidth
- 1 GSa/s sampling rate per each channel
- logic analyzer with 16 input channels
- 20 automatic measurement functions
- FFT measurement function
- max. 2 Mio. points record length for each channel
- dual channels + external trigger + logic analyzer
- support USB data transmission, display by real-time
- advanced trigger functions: edge, bus, pattern, sequential queue data, distributed queue data and data width trigger
- auto scale-function, supports automatic setting of waveform and data detecting
- safety: EN 61010-1 : 2001; CAT II
- accessories: carrying case, 2 pcs. BNC cable, USB cable, software CD for Windows 2000/XP/VISTA/7, power cable, logic probe, 2 pcs. oscilloscope probes and manual
- optional accessories: accu pack 7,4 V ~ 8000 mA, model: AKKU 2.

bandwidth	200 MHz
display	20 cm 8" TFT (640 x 480 Pixel)
channel	2-CH + ext. Trigger + Logic-Analyzer
sample rate	1 GSa/s (real time) each channel
sampling mode	normal, peak detection, average
sensitivity	2 mV - 10 V/Skt/div
input impedance	1 MΩ +/- 2 % in parallel with 15 pF +/- 3 pF
input voltage	400 V DC or ACss/pp
input coupling	DC/AC/GND
accuracy	± 3 %
rise time	< 1,75 ns
resolution A/D	8 bits (2 CH simultaneously)
time base	1 ns - 100 s/Skt/div.
trigger mode	edge, pulse, video, alternate, slope
measurements	peak-peak, cycle RMS, Vmax, Vmin, Vtop, Vbase, Vamp, overshoot, preschool, rise time, fall time, +width, -width, +duty, -duty, delay A→B (rising), delay A→B (falling), frequency, period, mean

waveform	Addition, Subtraction, Multiplication, Division, FFT
record length	max. 2 Mio. points (1 CH)
waveform storage	4 waveforms
band width	66 MHz
channels	16
sample rate	20S/s ~ 400 MSa/s (real time)
Input impedance	1 MΩ +/- 2 %
input signal range	± 15 V
threshold voltage	± 10 V (4 settings)
trigger mode	edge, bus, pattern, sequential queue data, distributed queue data and data width trigger
trigger position setting	pre, mid, re-trigger
record length	4 Mio. points CH (16 k at 400 MSa/S)
setting storage	10
data system	binary-, decimal system, hex
digital filter	0, 1, 2 opt.
operation voltage	100 ~ 240 V ACeff/rms / 50 Hz
dimensions (WxHxD)	370 x 180 x 120 mm
weight	2,2 kg