



## 100 MHz/2 CH, 1 GSa/s, Digital Storage Oscilloscope

Digital storage oscilloscope of the latest generation with high-resolution color display, backlight, high bandwidth and high sampling rate, VGA-output, large internal memory, USB port and LAN connection for integration into networks. The amazing value for money and modern technology allows a wide range of applications in education, service and quality assurance area.

- High-resolution TFT color display with 800 x 600 pixels and 65536 colors
- USB port for real-time data transmission or reading of internal memory
- Saving of measured values and graphics directly onto the USB-stick
- VGA-output port for external monitor
- Autoset and autoscale function for easy operation
- LAN connection for remote access via network
- Internal memory of 10 million points per channel or 15 waveforms
- 20 automatic measurement modes and FFT function
- PASS/FAIL function
- Safety: EN 61010-1; CAT II
- Accessories: 2 pcs. BNC cable, USB cable, software CD for Windows 2000/XP/VISTA/7, power cable, 2 probes, carrying case and manual
- Optional accessories: accu pack 7,4 V, model: AKKU 3

<b>Bandwidth</b>	100 MHz
<b>Display</b>	20 cm (8") TFT with 65536 colors
<b>Resolution</b>	800 x 600 Pixel
<b>Channel</b>	2 CH
<b>Measurement acquisition</b>	
<b>sampling mode</b>	normal/peak detect/average
<b>sampling rate each Channel</b>	500 MSa/s
<b>Input</b>	
<b>input coupling</b>	AC, DC, GND
<b>input impedance</b>	1 MΩ +/- 2 % in parallel with 15 pF +/- 5 pF
<b>input voltage</b>	400 V DC or ACpp
<b>Vertical systems</b>	
<b>sensitivity</b>	2 mV - 10 V/Skt/div.
<b>rise time</b>	< 3,5 ns
<b>accuracy</b>	+/- 3 %
<b>vertical resolutions</b>	8 Bits (2 CH simultaneously)

<b>Horizontal systems</b>	
<b>horizontal scale</b>	2ns-100s/Skt./div
<b>sampling range</b>	0,5 - 250 S/s
<b>Trigger</b>	
<b>trigger type</b>	Edge/Video/Pulse/Slope
<b>trigger mode</b>	Auto, Normal, Single
<b>trigger coupling</b>	DC, AC, LF, HF
<b>Measurements</b>	
<b>20 automat. measurements</b>	peak-peak, cycle RMS, Vmax, Vmin, Vtop, Vbase, Vamp, overshoot, preshoot, rise time, fall time, +width, -width, +duty, -duty, delay A→B (rising), delay A→B(falling), frequency, period, min, max
<b>phase difference</b>	+/- 3°
<b>Record</b>	
<b>record length</b>	10.000.000 points/CH
<b>Common specifications</b>	
<b>interfaces</b>	USB, VGA, LAN
<b>operation voltage</b>	100 ~ 240 V ACrms / 50/60 Hz
<b>dimensions (WxHxD)</b>	340 x 155 x 70 mm
<b>weight</b>	1,8 kg