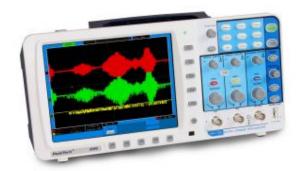
PeakTech® 1245

PROD-ID: P 1245



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

Digital storage oscilloscope of the latest generation with high-resolution color display, backlight, high bandwith 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 acces 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

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

Horizontal systems	
horizontal scale	2ns-100s/Skt./div
sampling range	0,5 - 250 S/s
Trigger	
trigger type	Edge/Video/Pulse/Slope
trigger mode	Auto, Normal, Single
trigger coupling	DC, AC, LF, HF
Measurements	
measurements	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
phase difference	+/- 3°
Record	
record length	10.000.000 points/CH
Common specifications	
interfaces	USB, VGA, LAN
operation voltage	100 ~ 240 V ACrms / 50/60 Hz
dimensions (WxHxD)	340 x 155 x 70 mm
weight	1,8 kg