



PeakTech
Prüf- und Messtechnik GmbH
Gerstenstieg 4
DE 22926 Ahrensburg

Phone: 0049 4102 42343/44
Fax: 0049 4102 43416

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PeakTech® 1310 PROD-ID: P 1310

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

This new digital storage oscilloscope with high resolution color display, backlight, high bandwidth and high sampling rate, large internal memory and a USB port is specifically designed for use on workstations.

With the Integrated LAN interface, the device can be easily integrated into corporate networks and the VGA output allows the demonstration of the measurement functions to an audience through an external monitor or projector.

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
- 20 cm (8") TFT color display
- USB port for real time data transmission or reading of internal memory
- VGA output port for external monitor
- LAN connection for remote access via network
- Saving of measured values and graphics directly onto the USB-stick
- Autoset and autoscale function for easy operation
- Big internal memory for 15 waveforms
- 20 automatic measurement modes and FFT function
- PASS/FAIL function
- Safety: EN 61010-1; CAT II
- Accessories: 2 pcs. BNC cable, Pass/Fail-Adapter, USB cable, software CD for Windows 2000/XP/VISTA/7/8/10, power cable, 2 probes and manual



MANUAL

[PeakTech_1265_1305_1310_10_2015.pdf \(5,594.4 kB\)](#)

PICTURES

[1265_1305_1310_Seitenansicht.jpg \(389.9 kB\)](#)

[1310_L.jpg \(685.5 kB\)](#)

[1310_R.jpg \(715.6 kB\)](#)

Bandwidth	125 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 (1 GS/s dual channel)
INPUT .	
Input coupling	AC, DC, GND
Input impedance	1 M Ω +/- 2 % in parallel with 10 pF +/- 5 pF
Max. input voltage	400 V DC or ACpp
VERTICAL .	
Vertical sensitivity	5 mV - 5 V/div.
Rising time	\leq 2,8 ns
DC accuracy	+/- 3 %
Vertical resolution	8 Bits (2 CH simultaneously)
HORIZONTAL .	
Horizontal scale	2ns - 100s/div.
Sampling range	0,5 - 500 MSa/s
TRIGGER .	
Trigger type	Edge/Video/Pulse/Slope/Alternate
Trigger mode	Auto, Normal, Single
Trigger coupling	DC, AC, LF, HF
MEASUREMENTS .	
20 autom. 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 mean
Phase difference	+/- 3°
RECORD .	
Record length	100.000 points/CH
GENERAL SPECIFICATIONS .	
Interfaces	USB, VGA, LAN
Operation voltage	100 - 240 V AC/rms; 50/60 Hz, Power >24 W
Dimensions (WxHxD)	355 x 178 x 118 mm
Weight	1,6 kg
EAN-13	425056402739

