

PeakTech® 1220

PROD-ID: P 1220

20 MHz; 1 CH Digital Storage Oscilloscopes/DMM



This combination of digital storage oscilloscope with True RMS multimeter are making a complete solution for measurement needs. The creative design for short cut keys simplify all the operation and the high resolution 3,8 inch color display with TFT panel helps to observe the waveform work, whereas the long time operation li-ion battery guarantees the continuous work. This instrument is ideal equipment for modern measurement world and on-site measurement.

- USB interface
- socket für USB-stick to save data portable
- support alternative trigger
- advantage video trigger function and optimize trigger sensitivity
- record length 6K
- true RMS multimeter
- dual independent galvanic separated (for multimeter and between oscilloscope and multimeter)
- auto-scale and auto-setup function in oscilloscope mode
- Safety: EN 61010-1; CAT II 400 V
- Accessories: AC-DC-adaptor, oscilloscope probe, testleads, cable for connection to USB mass storage, extension module for small capacitance measurement, USB-interface cable, software-CD for Windows 2000/XP/VISTA and 7, carrying case and manual



bandwidth	20 MHz
sample rate	100M/s CH
CH	1
display	9,7 cm (3,8") TFT, 65535 colors
resolution	320 x 240 Pixel
input coupling	DC, AC, GND
input impedance	1 M Ω \pm 2 % / 20 pF \pm 5 pF / 400 V DC or ACpp
vertical sensitivity	8 Bit (2 channels simultaneously)
input voltage	400 V DC or ACpp
accuracy	\pm 3 %
coupling	DC, AC, GND
rising time	< 17,5 ns
time base range	5ns/div ~ 100s/div
sampling range	0,25 S/s ~ 100 MS/s
accuracy	+100 ppm
Trigger-type	Edge, Video, Alternate
Trigger-mode (Edge)	Auto, Normal, Single
Trigger-sensitivity)	DC, AC, LF-REJ, HF-REJ
atom. measurement	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
storage length	6000 points / CH
waveform storage	4 waveforms, 4 settings
interface	USB
DC voltage	400 mV/4/40/400 V; \pm 1 % + 1 dgt.
AC voltage	4/40/400 V; \pm 1 % + 3 dgt., 40 ~ 400 Hz
DC current	40/400 mA/10 A; \pm 1,5 % + 1 dgt.
AC current	40/400 mA/10 A; \pm 1,5 & + 3 dgt.; 40 ~ 400 Hz
Resistance	400 Ω /4/40/400 k Ω /4/40 M Ω ; \pm 1 % + 1 dgt.
capacitance	51,2 nF ~ 100 μ F; \pm 3 % + 3 dgt.
operation voltage	7,4 V/3500 mA DC Li-Ion-Akku or AC-Adaptor 110/240 V AC; 50/60 Hz, 8,5 V DC/1,5 A
dimensions (WxHxD)	115 x 180 x 40 mm
weight	650 g