

PeakTech® 1205

PROD-ID: P 1205

20 MHz/2 CH Digital Storage Oscilloscope/DMM

This combination of 2 CH/20 MHz digital storage oscilloscope and 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 lion battery guarantees the continuous work. This instrument is ideal equipment for modern measurement world and on-site measurement.



- USB interface
- socket for 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)
- USB interface
- auto-scale and auto-setup function in oscilloscope mode
- 5 V 1 kHz output for adjusting the measurement probes
- Safety: EN 61010-1: CAT II 400 V
- Accessories: AC-DC-adaptor, 2 pcs. oscilloscope probes, 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	2
display	9,7 cm (3,8") TFT, 65535 colors
resolution	640 x 480 Pixel
input coupling	DC, AC, GND
input impedance	1 MΩ ± 2 % / 20 pF ± 5 pF / 400 V DC or ACpp
vertical sensitivity	8 Bit (2 channels simultaneously)
input voltage	400 V DC or ACpp
accuracy	± 5 %
coupling	DC, AC, GND
rising time	< 17,5 ns
Time base range	5ns/div ~ 100s/div
sampling range	10 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
math. function	+, -, *, /, FFT
FFT-function	available
interface	USB
DC voltage	400 mV/4/40/400 V; ± 1 % + 1 dgt.
AC voltage	4/40/400 V; ± 1 % + 3 dgt., 40 ~ 400 Hz
DC current	40/400 mA/10 A; ± 1,5 % + 3 dgt.
AC current	40/400 mA/10 A; ± 1,5 % + 3 dgt.; 40 ~ 400 Hz
resistance	400 Ω/4/40/400 kΩ/4/40 MΩ; ± 1 % + 1 dgt.
capacitance	51,2 nF ~ 100 μF; ± 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