

PeakTech 1150



150 MHz Digital-oscilloscope (2-channel)

This model is featured with maximum 100 MS/s real-time sampling per channel (one channel only max. 200 MS/s), equivalent sampling rate of 25 GS/s. Its 16 bit high speed microprocessor adoption enables to acquire maximum 150 Wave forms per second and quickly update the picture on the screen. Its basic memory capacity is 32 Kbytes and captured waveforms can be zoomed in and analysed in detail. Also its built-in 10 ns peak detection circuit enables to capture high frequency noise at a low speed time/div. and magnify and analyse it using the zoom-in function. In addition, it can save up the 10 waveforms and provides diversified analysis function like FFT, which is available at high priced products, and the RS-232C configure connection type: 9-pin DTE Port. Hard copy out: printer (centronics), USB: TBD are included.

- 150 MHz - Repetitive bandwidth, 2 CH dual digitizer
- 100 MS/s Simultaneous maximum sampling rate per channel
- 200 MS/s Sampling rate for one channel only
- Safety: IEC-1010-1; CAT II
- Accessories: manual, spare fuse, power cord, and 2 probes

Vertical systems

Sensitivity

2 mV div. ... 5 V div.

Input impedance

Nominal 1 M Ω \pm 1,5 % or 50 Ω / 20 pF

Max. Input voltage

400 V (DC and ACpp) (AC < 10 kHz) 50 Ω : 5 Vrms

Accuracy

\pm 5 %: 2 mV div. ... \pm 3 %: 5 mV div. ... 5 V div.

Input coupling

DC, AC, GND

Rise time

2,3 ns

Horizontal systems

Time base range

2 ns div. ... 5 s div.

Resolution

40 ps

Magnification

Real Time only

Trigger

Trigger mode

AUTO, NORM, SINGLE

Trigger coupling

DC, AC, LF-REJ, HF-REJ

Display

5,7 Zoll Mono LCD-Display (320 x 240); 200 (vert.) x 250 (hor.) points

Measure

Auto Measurement

Peak-peak, mean, RMS, frequ., period, duty width, rise/fall time

Auto Set-up

Vertical, horizontal d.f. & Trigger level

Cursor

Vertical or horizontal dotted line ref., delta V, delta T, delta 1/T, track manually or autom. placed

math. function

Add, subtract, FFT-Analysis, TBD (to be determined); average: 2-128; Interpolation: linear, zoom in or out in horizontal axis without acquisition, Pass/Fail Editable Waveform zone.

Power requirements

90 ... 250 V, 48 ... 440 Hz, 35 W

Dimensions (WxDxH)

370 x 167 x 312 mm

Weight
5,5 kg