

100 and 200 MHz Oscilloscopes Offer 2 M Data Point Record Length



Saelig Company Inc. announces two new benchtop scopes, the PDS8102T and PDS8202T, both offering a huge 2 M data point record length, which allows great depth for investigating fast, intermittent pulses. These low-cost, two-channel scopes sample at 1 and 2 GSa/s respectively. They are packed with useful features normally only seen on higher-end DSOs, including video trigger, auto-measurements, large 8 in. full color LCD display, XY Mode, auto-set, averaging, math functions, USB output, waveform storage, 3-year warranty, etc. Even FFT functionality is included for seeing spectrum information, as well as Autoscaling and Trigger Holdoff.

- Autoscale can automatically adjust the vertical gain, or the horizontal time base, or both together. This is useful for circuit probing, as the probe is moved from point to point on a circuit board, the display auto-adjusts for best trace presentation. It functions in the same manner as “AutoSet,” but instead of being a one-time function, it's active until turned off, keeping the hands free.
- FFT allows the user to instantly see the frequency spectrum of the signal under test.
- Trigger Hold allows the user to introduce a delay relative to the trigger point so that a different part of the signal can be seen.

PDS8102T and PDS8202T can automatically measure and display frequency and peak-peak/rms/mean values, but cursors can also be moved to make individual readings. A built-in self-calibration facility improves measurement accuracy. Video monitoring is also possible since users can trigger on NTSC/PAL/SECAM line or field waveforms. PDS8102T and PDS8202T offer on-board storage, and USB output, making the PDS series the ideal choice for design, maintenance, and lab use. PDS8102T and PDS8202T features include manual cursor measurements, up to five automatic measurements, high-speed screen update, storage for up to four waveforms and set-up parameters, convenient serial interface with software, 400 V

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(DC+AV peak) maximum input, optional rechargeable battery pack, etc. They have multi-language capabilities too.

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