

SIGLENT Technologies Exhibits at Embedded World 2017

March 20, 2017

Nuremberg, Germany: March 14-16, 2017 Siglent Technologies attended and exhibited at the Embedded World 2017 conference held at the Exhibition Centre.



Figure 1 Siglent Staff speaking with visitors

SIGLENT showcased products including the SSA3000X spectrum analyzers, SDS2000X/SDS1000X+ digital oscilloscopes, SDG2000X/SDG1000X arbitrary waveform generators, SHS1000 isolated handheld digital oscilloscopes, SDM3065X digital multimeters and the SPD3303X-E power supplies as well as other popular models at this year's exhibition.



Figure 2 Booth of SIGLENT Technologies

Most interesting to customers at the show was Siglent's SSA3000X family of spectrum analyzers, a product that has been 3 years in developing. The SSA3000X features a large 10.1 inch WVGA (1024 * 600) display, -161 dBm/Hz displayed average noise level (DANL) and -98 dBc/Hz offset phase noise (1 GHz typical, 10 KHz offset). Frequency up to 3.2 GHz. Multiple options include tracking generator, advanced measurement kit, reflections measurement kit, and EMI measurements option.

The world's first economical waveform generator capable of producing square waves to 60 MHz was shown. The SDG1000X has the advantage of being able to generate square waves up to 60MHz. It also includes EasyPulse technology which provides the capability of generating low-jitter pulse waveforms across a very wide range of frequencies, pulse widths, and transition times.

Customers also had the opportunity to check out the popular SDG2000X function / arbitrary waveform generator. With frequencies up to 120 MHz, sampling rate of 1.2 GSa/s, and 16 bit vertical resolution, the SDG2000X also includes a touch-screen display and innovative EasyPulse and TrueArb technologies. TrueArb ensures that every waveform data point of an arbitrary waveform in the memory can be outputted point-by-point without missing or repeating any point. Low-jitter outputs of arbitrary waveforms between 8 and 8M points using variable sampling rates of 1 uSa/s to 75 MSa/s can be achieved.

Siglent Technologies began in the market designing and building oscilloscopes. Today, SIGLENT has more models of oscilloscopes than any other type of instrument. Siglent's SDS2000X family of scopes come with a maximum 300 MHz bandwidth, maximum sampling rate of 2 GSa/s, 140 Mpts of memory, an impressive 500,000 wfm/s waveform capture rate and 256-level intensity/color temperature display modes. The SDS2000X series supports numerous various triggering modes, serial bus triggering and decoding, history and sequence memory modes, enhanced resolution (Eres) mode and high-speed Pass/Fail testing. Available options include integrated 25 MHz arbitrary waveform generator, 16-bit parallel digital inputs (MSO), digital triggering and decoding, and power analysis.



Figure3 Siglent Staff in the exhibited hall



The Embedded World 2017 conference is a very popular exhibition for us. We firmly believe that SIGLENT is the best value in electronic and measurement instrumentation. We wish to thank everyone who came by our booth and we look forward to seeing you again next year!



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