

## Measurement Data Depth SDS2000X vs. SDS1/2 X-E

December 14, 2018

One of the more powerful features of digital oscilloscopes is the automatic measurement function.

Most modern scopes allow you to measure 20 or 30 separate waveform parameters including rise/fall time, phase difference, peak-to-peak voltage, and more.

Some functions can actually measure large data sets to provide a “running average” of the measurement over a long time period.

The SIGLENT SDS X-E series utilizes all of the data in memory for measurements, including RMS. This can be up-to 14 Mpts.

In comparison, the SDS2X series 14 kpts due to resource limitations.



### **North American Headquarters**

SIGLENT Technologies NA  
6557 Cochran Rd Solon, Ohio 44139  
Tel: 440-398-5800  
Toll Free: 877-515-5551  
Fax: 440-399-1211  
[info@siglent.com](mailto:info@siglent.com)  
[www.siglentamerica.com/](http://www.siglentamerica.com/)

### **European Sales Offices**

SIGLENT TECHNOLOGIES GERMANY GmbH  
Staetzlinger Str. 70  
86165 Augsburg, Germany  
Tel: +49(0)-821-666 0 111 0  
Fax: +49(0)-821-666 0 111 22  
[info-eu@siglent.com](mailto:info-eu@siglent.com)  
[www.siglenteu.com](http://www.siglenteu.com)

### **Asian Headquarters**

SIGLENT TECHNOLOGIES CO., LTD.  
Blog No.4 & No.5, Antongda Industrial Zone,  
3rd Liuxian Road, Bao'an District,  
Shenzhen, 518101, China.  
Tel: + 86 755 3661 5186  
Fax: + 86 755 3359 1582  
[sales@siglent.com](mailto:sales@siglent.com)  
[www.siglent.com/ens](http://www.siglent.com/ens)