

Type of product: 2-channel digital oscilloscopes
Names of products: DOX2025, DOX2040 & DOX2100

An extra-compact multi-function diagnostic tool

Ergonomics

The compact, easy-to-use oscilloscopes in the DOX 2000 Series are equipped with a wide display offering 18 div. horizontally in full-screen mode. This allows users to customize the display: choice between normal or persistent display, YT or XY format, adjustment of the colours, graticule, brightness, contrast, etc. Access to the commands is provided by rotary buttons and backlit keys on the front panel.

With their handle, the DOX oscilloscopes are easy to transport and their non-slip feet make them particularly stable.

Energy-saving: start-up and shutdown take less than 10 s. The "soft keys" (icons) on the right-hand side of the screen are intuitive and offer direct access to the type of signal that you wish to view.

The menus are available in 5 languages.

Communicating: the DOX2000 oscilloscopes are equipped with a USB port to communicate with PCs or printers.

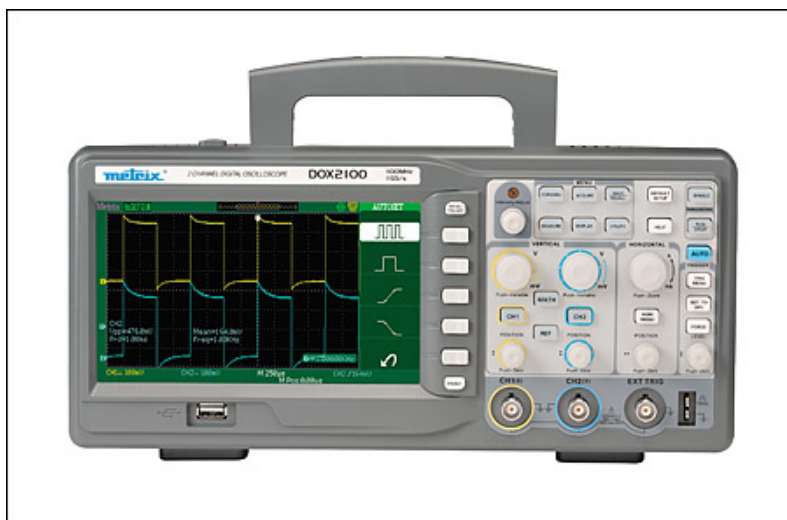
The associated **EASYSCOPE** software can be used to control and test the oscilloscope and to recover trace and screenshot files.

High performance and multiple functions for acquisition and analysis

The DOX2000 oscilloscopes offer a maximum sampling rate of up to **1 GS/s in one-shot mode** and up to **50 GS/s in ETS mode**. There are **3 levels of acquisition** for acquisition and analysis, in real time or equivalent time. Depending on the model, the acquisition memory depth extends from **32 kpoints to 2 Mpoints to optimize your analyses**. The vertical sensitivity is **2 mV/div. to 10 V/div. in 12 ranges and the horizontal sensitivity is 2.5 ns to 50 s/div. Advanced functions** are available: **simple MATH functions (+/-/x/÷) and "real-time" FFT function** with simultaneous display of the traces.

Everything has been designed to allow **very detailed analysis of the signals**: selection of programmable digital filters, slow signal recorder in ROLL mode on 6 Mpoints over a period of 100 ms.

There is an integrated "pass/fail" mask so that users can quickly identify any problems on a signal. It can be used to assess whether the input signal matches a template (defined by the user or not), thus giving **an instantaneous view of the measurement**.



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