



PRESS Release

metrix®

Type of product: **4-channel benchtop oscilloscopes**

Product names: **DOX3104 & DOX3304**

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High-performance oscilloscopes & arbitrary signal generators

The Metrix® brand from the Chauvin Arnoux Group, the specialist in portable instrumentation for the electrical sector, is launching two new oscilloscopes to meet its customers' requirements.

The new **METRIX® DOX3104 & DOX3304 100 & 300 MHz** benchtop oscilloscopes offer a wide range of functions to meet the varied requirements of designers and production and troubleshooting specialists in sectors such as electronics, telecommunications, IT and peripheral devices. They are also ideal for the needs of specialists in the automotive sector, industry and automatic control systems.

These comprehensive oscilloscopes, equipped with a **25 MHz arbitrary function generator**, include a serial bus decoding function with integrated triggers (I2C, SPI, UART, CAN, LIN).

The MSO logic input allows connection of an 8-channel logic analysis probe.

With their ergonomic design for laboratory use, all the functions and settings are accessible on the front panel of the instrument.

The rear panel offers inputs for:

- the Pass / Fail mask test, ideal for rapidly identifying problems on a signal,
- the external trigger
- the PC/device communication interfaces: USB or ETHERNET
- the Kensington anti-theft system

The 8" display with Sensitive Phosphor Oscilloscope technology allows **optimized waveform capture** at a rate of up to **110,000 per second**. It offers **256 colour levels** for adjusting the brightness of the waveforms. Variation of the brightness makes it easier to view the curves with colour shading. The memory depth of up to **28 Mpts** (1 channel) at a sampling rate of **2 GS/s** makes it possible to capture fast transient signals with optimization of the memory by means of segmentation.

The high-performance **DOX3000** are equipped with **an acquisition-memory depth of 28 Mpoints**. Classic and complex triggers are available: on "Pattern trigger" logic signals (and, or, nand, nor), on "Runt trigger" pulse conditions, on "Interval trigger" condi-



tions (rise, fall or "Dropout" for signal analysis) or BURST. Their sensitivities range from 2 mV/div to 10 V/div and 1 ns/div to 50 s/div. A powerful statistics mode can be used to search for events in a recording or to analyse the signal's stability with standard-deviation measurements.

Two software products are supplied. The **EASYSOPE PC software** for interfacing with a PC, programming of the oscilloscope, integration of the measurement results in the reports drawn up on the customer's site, archiving, recovery of screenshots or TRACE files and remote activation of the tests; The **EASYWAVE PC software** can be used to import the curves from the oscilloscope and modify the signal (by drawing, mathematical function, etc.).

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