

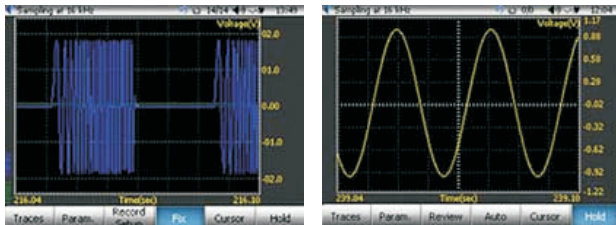
Dynamic Signal Analyzer



CoCo-80

Handheld Data Recorder Dynamic Signal Analyzer

- High quality data recorder and signal analyzer
- Handheld, compact, light and battery powered
- Qualified for rough operating conditions
- 5.7" color LCD
- Weighs less than 1.7 kg
- 8 input channels/1 signal source
- Up to 102.4 kHz sampling rate per channel
- 24 bit A/D and D/A
- 130 dB dynamic range
- Streaming recording for all channels at full speed
- Long battery hours
- Ethernet, USB, SD and wireless connection
- Hundreds of analysis functions including Time, spectra, PSD, FRF/Coh, Phase, RMS and others



Versatile

Revolutionary 24-bit A/D converter digital technology and a unique hardware design offers more than 130 dB dynamic range, 10 times higher than competitive products. This allows you to capture signals as high as 10 volts and as low as a few micro-volts in the same test without changing any settings. The high dynamic range and fidelity of the CoCo-80 enables measurement of a wide range of signals, regardless of the input signal magnitude.

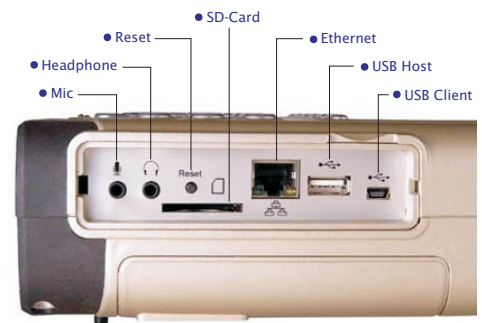


Integrated Acquisition and Analysis Capabilities

The CoCo-80 is more than just a data recorder. Although it can record all channels at a 102.4 kHz sampling rate, in addition, the real-time DSP technology delivers advanced real-time processing. While recording data to flash memory, you can simultaneously compute FFT, FRF, Tri-Spectra, APSD and more with all the windowing, averaging and triggering functions you expect in a signal analyzer. During operation you can view the processed data on the display or save the spectra to ensure that you are recording the event you need. This combination of data recording and real-time processing makes the CoCo-80 a versatile and powerful tool.

Modern Interface

The handheld system is equipped with a powerful array of hardware interfaces to give you complete flexibility. It has two USB ports: a client USB to upload and download data to a PC and a master USB to connect other USB devices to the CoCo-80 such as a mouse, memory card, barcode scanner etc. A 100 BaseT Ethernet interface allows the unit to communicate over any Internet connection for remote operation. An SD-card interface allows you to save data to an SD card or use other SD-card peripherals such as a wireless Internet connection. The built-in microphone lets you record voice annotations and the speaker and earphones provide audio feedback for the actions taken. The 5.7 inch color LCD allows you to display live data as you record and the keypad allows you to start measuring and capture snapshots with a few simple buttons.



Reliable

The CoCo-80 is designed to provide a simple and reliable tool for signal measurement. The combination of mass internal memory for storing data, combined with a live display to validate data during the process and finally simple and powerful Windows native software for analysis makes the CoCo-80 the most reliable tool for field measurements.

By comparison, PC-tethered instruments can behave unreliably in the field and can be overly complex for quick operation and reliable acquisition. Communication issues, extra communication and power cables complicate the setup. They are also limited by battery power and cannot provide long hours of operations. With the CoCo-80 you know that you will get the data you need without the hassle of lugging around a ton of extra equipment.

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