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ADVANCED PERSONAL SCOPE 240MS/s

Order Code: APS230



From Elektor, June 2006
It's striking that nearly all relatively inexpensive scopemeters have a sampling rate somewhere between 20 Ms/s and 40 Ms/s. That's adequate for measuring signals up to a few megahertz, and you should keep that well in mind when purchasing such an instrument. The only exception in that regard is the Velleman APS230 with a sampling rate of 240 Ms/s, and that at a very affordable price.

Features

- ? 2 input channels
- ? high contrast LCD with white backlight
- ? full auto set-up for volt/div and time/div
- ? recorder roll mode, up to 170h per screen
- ? trigger mode: run - normal - once - roll ...
- ? adjustable trigger level and slope
- ? peak measurements: max, min. and pk to pk
- ? measurements: rms, dB(rel), dBV, dBm and dBG
- ? Direct Audio power measurements
- ? x1 and x10 probe calculation option
- ? several display modes
- ? StereoScope mode for audio measurement
- ? X and Y position shift
- ? battery pack included, fast charge possible
- ? in the box:
 - ? RS232 cable (9 pole sub D)
 - ? 2 Insulated 60MHz X10 measuring probes
 - ? user manual
 - ? adaptor (110Vac 60Hz / 230Vac 50Hz)
 - ? battery pack
 - ? Advance Personal Scope unit

[More...](#)

Specifications

- ? input impedance: 1 Mohm / 20pF
- ? bandwidth: 2 x 30MHz
- ? sampling: 240MS/s per channel
- ? step markers for voltage, time, ...
- ? vertical resolution: 8 bit
- ? sensitivity: min. 30µ V
- ? volts per division: 1mV to 20V/div
- ? time base: from 25ns to 1 hr/div
- ? AC/DC input coupling selection
- ? RS232 communication with PC([PCUSB](#)for USB connection in option)
- ? dimensions: 9.1 x 5.9 x 2.0"
- ? weight: 30oz. incl. battery

Files

- ? [infosheet: Oscilloscopes cross reference table \(uk\)](#)
- ? [aps230info.pdf](#)
- ? [aps230_capture_v10.zip](#)
- ? [usermanual: UK- NL- FR- DE](#)

Stock Info

- ? Inner carton:
- ? Outer Carton: 8
- ? EAN Barcode: 5410329308315
- ? Packaging: Box (Carton)

Extra information

- ? **Website**
Visit our APS230 websitewww.aps230.com
- ? **general info**
'Worldwide' power adaptor included
- ? **BNC + probe compatibility**
[Solution for BNC + probe compatibility](#)
- ? **Velleman Kit Catalog**
[Velleman Kit Catalog](#)