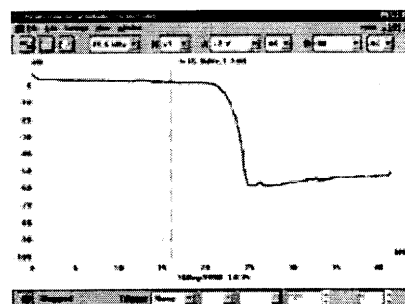


High Resolution Oscilloscopes / Spectrum Analyzers

Pico ADC-212 and ADC-216

- High resolution and precision
- Ideal for audio spectrum analysis
- Ideal for automotive fault finding
- 32k Sample memory
- Oscilloscope and data logging software included



The ADC-212 and ADC-216 are high resolution, high precision oscilloscopes. Unlike most digital storage oscilloscopes which typically have 8 bit resolution and poor DC accuracy, these units are accurate to 1% and have either 12 or 16 bit resolution. This makes them ideal for noise and vibration measurements. As well as high vertical resolution, the ADC-212 and ADC-216 both have large 32k waveform buffers, so it is possible to capture complex signals and then expand areas of interest to show fine detail.

See also the following application notes:

[High resolution oscilloscopes](#)

[Audio spectrum analysis](#)

[Automotive application notes](#)

Product	ADC-212	ADC-216
Resolution	12 bits	16 bits
Channels	2 x BNC + 1 external trigger	
Voltage Ranges	$\pm 20\text{mV}$ to 20V in 10 ranges	
Overload protection	$\pm 100\text{V}$	
Input Impedance	1M Ohm	
Sampling Rate	3MS/s	333kS/s
Accuracy	$\pm 1\%$	
Scope Timebases	2 $\mu\text{s}/\text{div}$ to 50s/div	20 $\mu\text{s}/\text{div}$ to 50s/div
Spectrum Ranges	0 to 1.5MHz, 80dB dynamic range	0 to 666kHz, 96dB dynamic range
Analog Bandwidth	1.5MHz	166kHz
Buffer Size	32k	
Power Supply	500mA @ 12V (can be used with BA001 battery pack)	
Dimensions	140 x 190 x 45	
Output connector	D25 to PC parallel port	

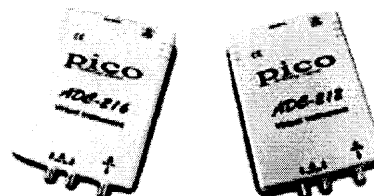
Supplied Software	PicoScope: DOS and Windows (3.x, 95/98, NT) PicoLog for Windows (3.x, 95/98, NT) Drivers & examples : C, pascal, Delphi, Visual Basic and LabVIEW A macro is provided to collect data directly into an Excel spreadsheet
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ADC-212 with £299.00 (approx \$480)

[Order](#)

ADC-216 with £499.00 (approx \$800)

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