

	ADC-20	ADC-24
Resolution	20 bits	24 bits
Number of channels*	4 differential / 8 single-ended	8 differential / 16 single-ended
Conversion time (per channel)	660 ms, 340 ms, 180 ms, 100 ms, 60 ms	
Voltage ranges	±2500 mV ±1250 mV	±2500 mV ±1250 mV ±625 mV ±312 mV ±156 mV ±78 mV ±39 mV
Accuracy	0.2%	0.1% (±39 mV to 1250 mV range) 0.2% (±2500 mV range)
Noise rejection	120 dB typical at 50/60 Hz	
Input impedance	Differential: 2 MΩ Single ended: 1 MΩ	
Overload protection	±30 V	
Digital I/O	none	4 bi-directional (3.3 V CMOS)
Reference output	+2.5 V ±2.5 mV @ 2 mA +5 V ±1.0 V @ 2 mA -5 V ±1.5 V @ 2 mA	
Input connector	D25 female	
PC connection	USB 1.1 - cable supplied	
Power supply	From USB port	
Dimensions	135 x 184 x 36 mm (5.31 x 7.24 x 1.41 in)	
Environmental	+20 °C to +30 °C for quoted accuracy, 0 °C to +45 °C overall. 5 to 80% RH	
Supplied software	PicoLog Software Development Kit	
PC requirements	Processor: Pentium class processor or equivalent Memory: 32 MiB minimum Disk space: 10 MiB minimum OS: 32- or 64-bit edition of Microsoft Windows XP (SP2 or above), Vista or Windows 7 Ports: USB 1.1 or USB 2.0 compliant port. Must be connected direct to the port or a powered USB hub.	
Language support (software)	PicoLog: Full support for English, French and German; menus only for Italian and Swedish	
Language support (documentation)	User's guide: English, French, German, Italian, Spanish Installation guide: English, French, German, Italian, Spanish, Swedish, Dutch, Danish	
Total Satisfaction Guarantee	In the event that this product does not fully meet your requirements you can return it for an exchange or refund. To claim, the product must be returned in good condition within 14 days.	
Warranty	5 years	

The ADC-20 and ADC-24 have 4 and 8 true differential input channels, respectively. For flexibility each of these channels can be configured as either 1 differential channel, or 2 single-ended channels.

* US Dollar and Euro prices are approximate.