

Lan Cable Meters — continued

Breakout Boxes  
725, 735, 775, 785



The Wavetek 700 Series breakout boxes (BOB) verify RS232C interface cables and connections for breaks, damage and proper pinouts. They are simple and easy-to-use with high visibility green and red LEDs indicating good and bad status

725

- Tests 15 lines including all primary lines
- Monitors almost all modern communication or any synchronous data transmission
- Unpowered (Derives power from signal lines)
- Green and Red LEDs Identify + and - voltages

735

- Tests 15 lines including all primary lines
- Monitors almost all modern communication or any synchronous data transmission
- Battery powered
- Faceplate voltages available for signal emulation
- Trap pulses as short as 2µs
- Green and Red LEDs Identify + and - voltages

775

- Tests all 25 incoming and outgoing lines
- Suitable for High-Speed, synchronous lines
- 100 LEDs identify + and - voltages
- Battery powered
- Faceplate voltages available for signal emulation
- Trap pulses as short as 2µs
- Pin 2 or 3 crossover switching

785

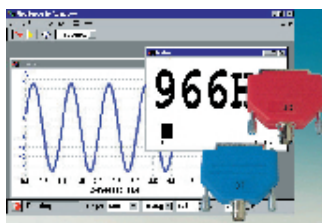
- Top-of-the-line model. Same features as model 775 plus:
- Simultaneous send/receive test voltages
- Automatic line-by-line testing or user-controlled one-step
- Test a known cable or use to determine pins on a unknown cable

T506

	Order Code	1+	5+	10+
725	318-4754			
735	318-4766			
775	318-4778			
785	318-4780			

Virtual Instruments

PC Based Oscilloscopes  
ADC40/ADC42



The ADC-40 and ADC-42 are single channel PC based oscilloscopes. Simply plug the unit into the parallel port of your PC and run the software. For low frequency signals, the units provide all the functionality of conventional scopes at a fraction of the price. The ADC-40 offers 8 bit resolution, whilst the ADC-42 with 12 bit resolution, is more suitable for measuring

small signal changes both on the scope and spectrum analyser.

- Lowest Cost
- No power supply required
- Compact design
- Oscilloscope and data logging software included

Scope Timebases	500µs/div to 50s/div
Spectrum ranges:	
ADC-40	0 to 10kHz, 50dB dynamic range
ADC-42	0 to 7kHz, 65dB dynamic range
Resolution	
ADC-40	8 bit
ADC-42	12 bit
Sampling Rate	20kS/s
Voltage Ranges	+5V
Channels	1 BNC, 1MS DC coupled
Accuracy	+/-1%
PC Connection	D25 to PC parallel port
Power Supply	No power supply required

T513

	Order Code	1+	3+	10+
ADC40	318-0815			
ADC42	318-0827			

PC Based Oscilloscopes



- 100ms to 50s/div times base
- 10mV to 4V/div
- 1kHz to 50kHz TTL square wave o/p on ext. trigger for probe compensation
- Spectrum analyser  
ADC-200-100 10Hz-50MHz  
ADC-200-50 10Hz-25MHz  
ADC-200-20 10Hz-10MHz
- Voltmeter 50mV to 20V (ac/dc)
- Frequency meter to 5MHz
- External trigger input
- Easy to install and use

- Supplied with Pico software for DOS and windows
- Powered by plug in adaptor supplied

The ADC200 Virtual Instruments have fast sampling rates with dual channel inputs and an external trigger input. Both units connect directly to the parallel port of the PC with the cable provided

	ADC 200-20	ADC 200-50	ADC 200-100
Sampling	20Mspc (2 chan)	50Mspc (1 chan) 25Mspc (2 chan)	100Mspc 50Mspc (2 chan)
Buffer size per channel	8k	16k	32k
Resolution	8 bit	8 bit	8 bit
Analogue bandwidth	10MHZ	25MHZ	50MHZ
Input impedance	1MΩ	1MΩ	1MΩ

T328X

	Order Code	1+	3+	10+
Mfrs List No				
ADC-200/20	768-870			
ADC-200/50	725-432			
ADC-200/100	605-578			

High Resolution Oscilloscope/Spectrum Analyser  
ADC-212 and ADC216



- High resolution and precision
- Ideal for audio spectrum analysis
- 32K sample memory
- Oscilloscope and data logging software include



The ADC-212 and ADC-216 are high resolution, high precision oscilloscopes. Unlike most digital storage oscilloscopes which typically have 8 bit resolution and 3% DC accuracy, these units are accurate to 1% and have either 12 bit or 16 bit resolution. As well as the 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 the fine detail.

When used as a spectrum analyser the high dynamic range is ideal for demanding applications such as audio spectrum analysis (testing CD players, amplifiers and loud-speakers), vibration and noise measurements and detecting power supply harmonics.

Scope Timebases	20µs/div to 50s/div
Spectrum Ranges	
ADC-212	0 to 1.5MHz 80dB dynamic range
ADC-216	0 to 166kHz 96dB dynamic range
Max Sample Rate	3MSPS (ADC-212) 333kSPS (ADC-216)
Analog Bandwidth	1.5MHz (ADC-212) 166kHz (ADC-216)
Buffer Size	32k
Voltage Range	+/-20mV to %20V (10 ranges)
Resolution	12 bit (ADC-212) 16 bit (ADC-216)
Channels	2 + 1 external trigger
Accuracy	+/-1%
PC connection	D25 to PC parallel port (Cable supplied)
Power supply	500mA @12V (mains adaptor supplied)

T522

	Order Code	1+	3+	10+
ADC212	318-0773			
ADC216	318-0785			