

# How Winspect's signal processors improve inspectability



## Question # 7

**Q:** Noise in my A-scan interferes with my ability to detect flaws. Can Winspect help me?

**A:** Yes, Winspect has live Butterworth filtering that can dramatically reduce electrical noise from motors and poorly performing ultrasonic instruments. Our filters are much sharper than those found in flaw detectors, thereby keeping noise out but still allowing your signal to pass. These filters are ideal for inspecting highly attenuative materials as well.



## Question # 12

**Q:** I currently scan a component twice at different gain settings to get enough dynamic range. Can Winspect do this in one scan?

**A:** Sure. Winspect can collect data in linear format and present it in dB, allowing you the best of both worlds. You can see flaws in highly attenuative core regions at the same time as flaws in less attenuative laminate regions. The linear data is always available to show small changes in attenuation while the dB data allows you to see deep into attenuative structures such as foam or honeycomb.

To see the other questions in this series, please visit [www.utex.com](http://www.utex.com) or call us at: Tel (905) 828-1313 Fax (905) 828-0360 E-mail [sales@utex.com](mailto:sales@utex.com)