SW

We get the signal right

Company:	**Signal-Wise LLC**
Address:	2609 Crooks Road, Troy, Michigan, 48084, U.S.A.
Telephone:	(248)561-5064
E-mail:	seanwu@signal-wise.com

X-tractor Advanced Module (Single Channel)

Part No.	Software Functionalities	Hardware
1. Data Cleansing 2. QC Testing 3. Detects Detection 4. Maintenance Prediction	1. Suitable for both stationary and transient time signals that include sound pressure, vibration accelerations, etc. 2. Capable of cleansing directly measured time-domain signals that may have been contaminated by random background and unknown interfering signals. 3. Capable of extracting the target signal characteristics and establishing the corresponding database. 4. Capable of learning the characteristics of background noise and interfering signals present in a non-ideal test environment. 5. Capable of using AI to compare and discern the target signal characteristics from those of background and interfering signals. 6. Capable of determining whether products meet user-defined criteria in real time. 7. Capable of determining specific faults in products based on user-defined criteria. 8. Capable of predicting the life expectance of user-defined components. 9. Capable of predicting the life expectance of the target product in real time. 10. Capable of exporting QC test results wirelessly to a control station.	1. Single channel data acquisition system, 24-bit, 100 kHz sampling frequency 2. An USB power cable, 1.5 meters long 3. One ½" prepolarized free-field condenser microphone, with 50 mV/Pa (+/-1.5 dB) sensitivity over 3.15 Hz - 20 kHz (+/-2 dB) range, and ½" ICP® preamplifier (426E01) and TEDS 4. One low-noise coaxial cable, blue TFE jacket, 10-ft, SMB female to BNC plugs 5. One laptop computer 6. One professional carrying case.