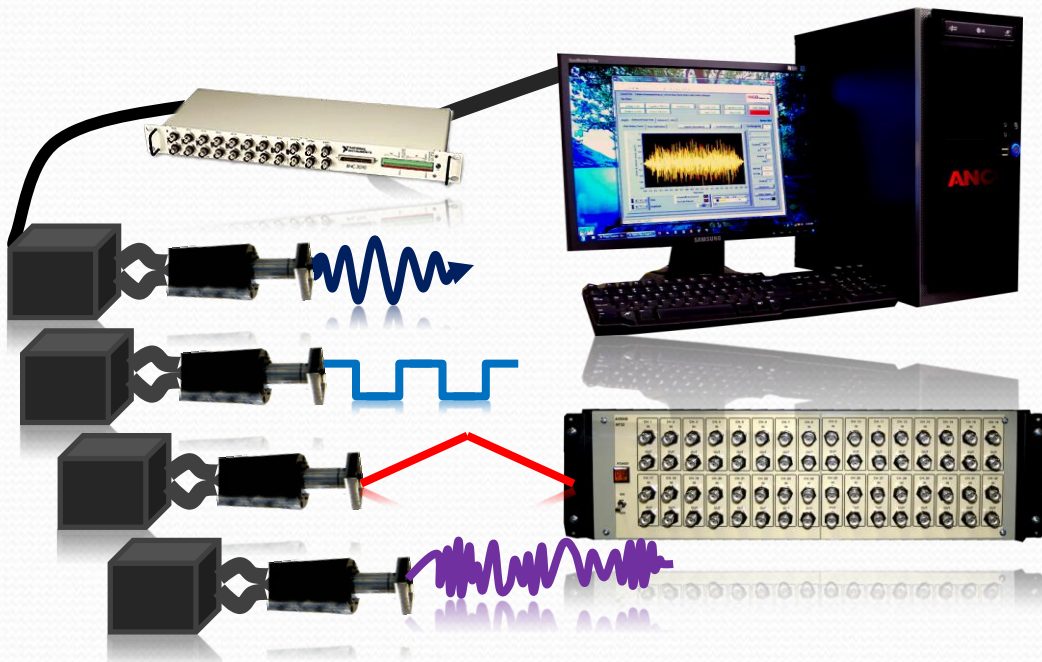


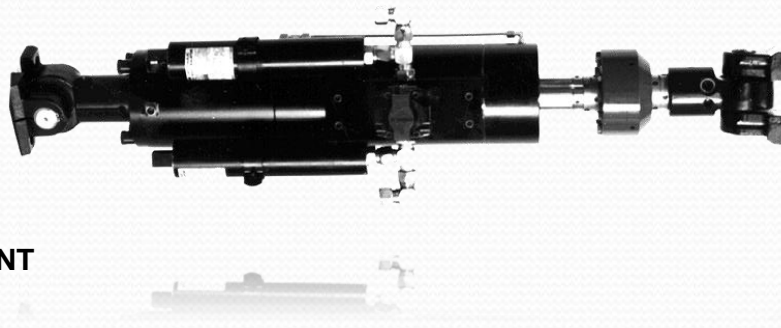
ANIPC 8: Your solution for static and dynamic structural testing

ANIPC 8 is a PC based *open loop 8 actuator controller* developed by ANCO Engineers. This software/hardware combination (National Instruments LabVIEW based) handles all hardware interfaces, allowing engineers to *design custom tests running multiple actuators simultaneously* while gathering data from a variety of sensors.



ANIPC 8 allows the user to specify the following waveforms for each individual actuator in either displacement or load control:

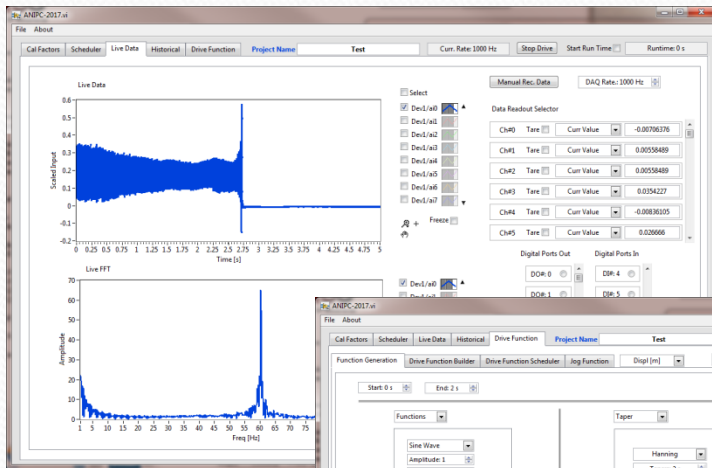
- SINE
- SINE SWEEP
- TRIANGLE
- SQUARE WAVE
- RAMP to HOLD
- Arbitrary TRANSIENT
- Block Cycling



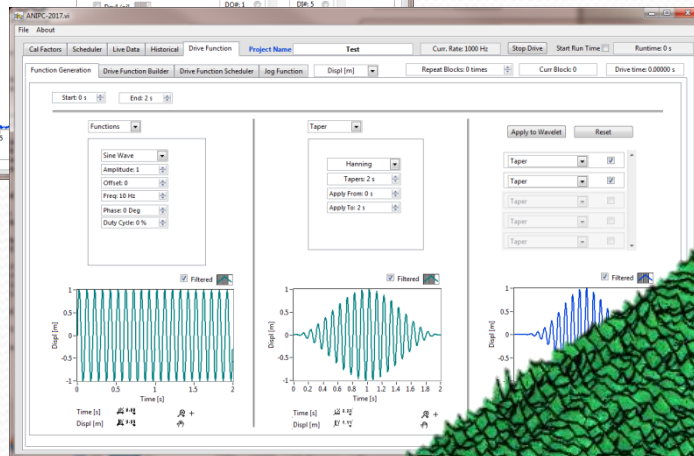
The user can *set alarm/abort limits* on each actuator displacement and load. Data can be *viewed and plotted versus time, frequency, or channel X versus channel Y* (such as load-deflection). Data can be plotted as linear combination of various channels (for example, differential displacement or load, or total load from several load transducers). Data can be easily *exported to other applications*. Desired motions from outside applications can similarly be imported.

ANIPC 8

- **Intuitive user interface** for easy actuator control and data acquisition
- **Non proprietary ADC/DAC card.** Replacements/upgrades easily obtained from National Instruments worldwide
- **Anti Aliasing Filters** five pole low pass optionally available from ANCO
- **Drives up to 8** independent servo hydraulic or electric actuators
- **Block cycle feature** allows repeated and mixed cycles of motion
- **Up to 32 differential high speed 16 bit data acquisition channels** up to 250 kHz/channel
- **Uniquely configurable input/output options** to accommodate typical $\pm 10V$ sensor types allowing custom calibration and scaling
- **Interfaces with PID actuator controllers** accepting $\pm 10V$ analog program signal.
- **Windows 10 Professional 64 bit operating system**
- **Preconfigured ANCO industrial PC**
- **Remote live support** via ANCO Teletech



Data Acquisition Mode



Drive Function Mode
With Block Cycle Feature

Remote network monitoring
with custom real time data display