

Test Cycle Controller

The Test Cycle Controller controls groups of motors running cycles of Start/Stop, Continuous Run, and Bearing Wear

Features:

- Controls number of test cycles run by each group of motors
 - Programmable test cycle: Start/Stop, Continuous run, Bearing wear
 - Up to 10 motor groups running independent tests with 1 to 32 motors per group
- Supports 4 chassis for testing up to 32 motors on one PC
- Group Number, Status, Speed, and Run current displayed for each motor
- Built-in instrumentation measures motor data and stores them in Excel data files:
 - Data stored once-per-cycle (Cycle Data File):
 - Time stamp
 - Speed sample
 - Run current sample at full motor speed
 - Start revolutions
 - Stop revolutions
 - Stop time
 - Cycle number
 - Cycle status (complete, errors)
 - Data stored every 200mS during cycle (Interval Data File):
 - Time stamp
 - Speed
 - Run current
 - PWM
 - Cycle number
- Save group configuration file
- A Test Cycle Configuration File is required. Use the Test Cycle Configuration Utility to create this file
- A Motor Configuration File is required. Use the SmartDriver Configuration Utility to create this file