

# SmartDriver Configuration Utility

The SmartDriver Configuration Utility is used to create motor configurations for RockLogic's BLDC spindle motor drivers

## Features:

- Configure SmartDriver for a specific motor
  - Motor configuration name
  - Motor voltage
  - Start parameters
    - Trip current
    - Drive time
    - Drive current
  - Run parameters
    - Speed
    - Maximum current
    - Poles
    - P and I gains
    - Speed ranges
  - Active brake current
  - Over-current limits
  - Maximum time limits
- View Motor Data
  - Speed
  - Run current
  - Phase current
  - Ramp / Lock / Stop time
  - Real-time chart showing Speed, Run current and Phase current
- DAQ Interface and control tools
  - Trip Current Test and Drive Current Test simplify adjusting Start parameters
  - Start Time Test accurately measures motor start time
- Save motor configuration file