



RockLogic SmartDriver BLDC Spindle Motor Drivers and Systems

Your state-of-the art choice for driving, controlling, and testing
3-phase brushless sensorless BLDC spindle motors



3300A BLDC Spindle Motor Driver



3300A-LCD
Spindle Motor Driver with
chassis and status LCD



3300A-8
8-32 driver Spindle Motor Test System
19" chassis
Optional motor test software



3300A-CC
Spindle Motor Driver with Card Cage

Accurate and reliable, the SmartDriver 3300A's unique features include:

- Easy to use:**
 - Simple driver configuration user interface
 - Real-time motor data display
 - DAQ interface with software for driver setup station
 - Save configurations to a file
- Wide range of BLDC motor size & load:**
 - 4, 6, 8, 12 Poles
 - 0 to 24 Volts
 - 2k to 30k RPM
 - Up to 4 Amps
- Programmable motor power supply**
 - 0-24V, 0-4A output
 - Better than +/-1% Voltage Output Adjustment Accuracy
- 16-bit A/D converter for accurate run current control & measurement**
- Very accurate speed control <1%**
- Very low speed jitter <1uS typical**
- Fast closed-loop unidirectional motor start**
- High motor torque down to 0 RPM**
- Adapts to change in load without re-programming**
- Fast motor stop using active brake**
- Safe motor handling:**
 - Stall detection
 - Over-current detection
 - Timeout detection
- Driver control and configuration through RS232 port**
 - Query motor data: Status, Speed, 16-bit run current
 - DLL and LabVIEW libraries available
 - USB Adaptor available
- Custom hardware, software, and fixturing design available

For more information contact us at
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