ACR7000 Series
Multi-Axis Servo Systems

ACR7000 Servo

The new ACR7000 series combines performance, value and scalability that meets and exceeds OEM expectations. Built on the well-known ACR9000 platform, the 7000 series utilizes re-imagined hardware designs, well-suited for table top and laboratory style instruments.

High performance servo drives are integrated with the multi-axis motion controller into a single package, saving space, cabling, and reducing installation complexity. Standard 4 axis systems are readily available for prototypes and unique machine designs, yet can easily scale for high volume OEMs. The ACR7000 series is perfect building block for customer specific motion system solutions. Parker's engineering and manufacturing teams have the expertise and agility needed for machine builders looking for a long-term partner.

Contact Information:

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Specifications

Part Number	ACR74V-A5V4C1	ACR78V-A5V4C1
Axes	4	8
Motor Output Current, Continuous	5 Amps/axis	
Motor Output Current, Peak	16 Amps/axis	
Motor Input Voltage	24-48VDC	
Control Input Voltage	24VDC	
Motor Types	3-phase rotary and linear servo motors	
Servo Update	31.25 µsec	
Digital Inputs	20 programmable inputs, 24 VDC	40 programmable inputs, 24 VDC
Digital Outputs	8 programmable outputs, 24 VDC 4 highspeed outputs, 5V	16 programmable outputs, 24 VDC 8 highspeed outputs, 5V
Analog Inouts	2 analog 12-bit +/-10V	4 analog 12-bit +/-10V
Power Stage Enable	Dedicated input shuts down all drives	
Encoder Inputs	5	9
	Incremental encoder, 8 MHz, differential, A, B, Z signals, BiSS C	
Communications	100 Base-T, 2x RJ-45 connector, Supports TCP/UDP and EtherNet/IP	
Development Software	Parker Motion Manager	
API	Libraries for C++,C#, VB.net, etc	
Programming Language	AcroBASIC	

Ordering Information

Part Number	Description
ACR74V-A5V4C1	4 axis servo drive/controller
ACR78V-A5V4C1	8 axis servo drive/controller

ENGINEERING **YOUR** SUCCESS.