

Parker Controllers

Multi-Axis Stepper Systems



ACR7000 Series

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.

Microstepping 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.

Specifications

Part Number	ACR72T-A4V2C1	ACR74T-A4V2C1
Axes	2	4
Motor Output Current	4 Amps/axis	4 Amps/axis
Size		
Motor Input Voltage	24VDC, 200W/Axis	
Control Input Voltage	24VDC, 20W	
Drive Resolution	Microstepping, selectable to 51200 steps/rev	
Digital Inputs	10 programmable inputs, 5-24 VDC	20 programmable inputs, 5-24 VDC
Digital Outputs	4 programmable outputs, 5-24 VDC	8 programmable outputs, 5-24 VDC
Power Stage Enable	Dedicated input shuts down all drives	
Encoder Inputs	1 per axis, Incremental encoder, 1.6 MHz, differential, A, B, Z signals	
Communications	100 Base-T, 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 with 1Mb of user memory	
Standards	CE (LVD), CE (EMC), RoHS	

Contact Information:

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Ordering Information

Part Number	Description
ACR74T-A4V2C1	4 axis stepper drive/controller



ENGINEERING YOUR SUCCESS.