

Products in Motion

OMS has products in application around the world; from some of the most demanding motion controller applications to the very simple, from super large scale research projects to the sub-micron. With the focus on the customers' needs, OMS continues to drive technology into the optimal solutions in multi-axis independent motion control.

Product Features

- 1-10 axes on a single controller
- Up to 32-bit absolute encoders
 - Backlash compensation
- 100% synchronized or independent axes
 - 16-bit DAC and ADC
 - General purpose I/O



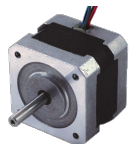
Motion Controllers



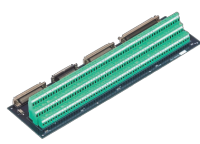
Drivers & Amps



Motors



Accessories



Software



The Company in Motion

Our capable motion control products are what we make and our relationships with our customers is our mission. OMS products are continuously evolving to provide the reliability, and accuracy needed for complex applications at the best value for today's ever-changing market.

Custom Solutions

OMS develops very capable products and produces custom application hardware and software for optimized solutions for your requirements. OMS delivers high performance products when you need it.

Why Contact OMS?

OMS is committed to providing you with the highest quality products and services. OMS is a company based on the concept that everything should create value for customers, suppliers, employees, and shareholders. OMS is here to assist you in keeping your business in motion.

OMS Motion

15201 NW Greenbrier Pkwy., B-1
Beaverton, OR 97006


p. 800.707.8111


f. 503.629.0688

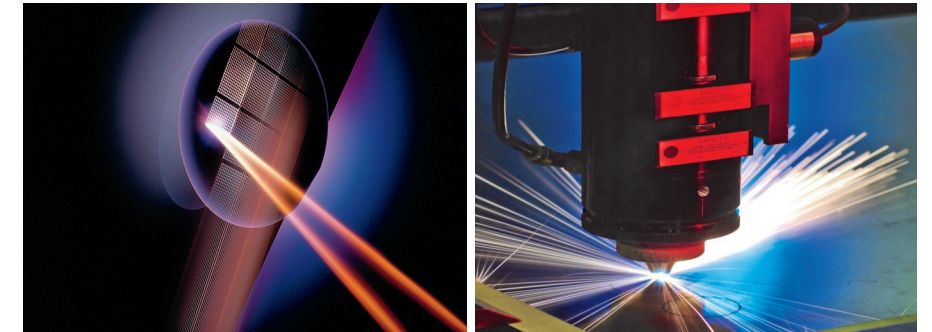
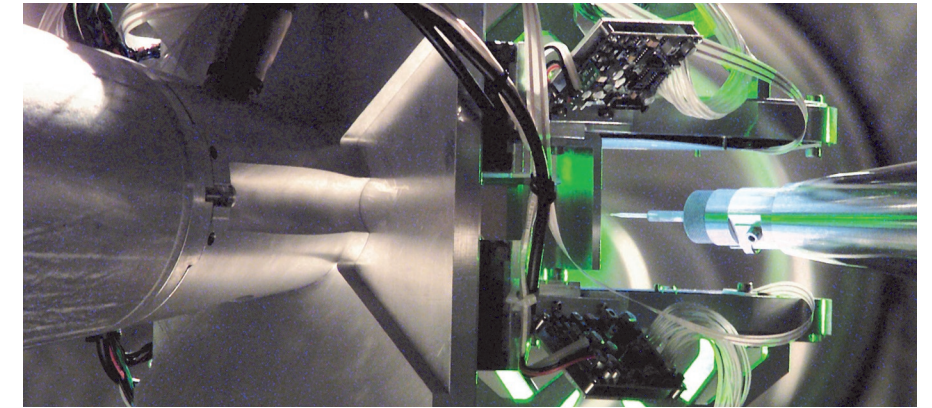
salesOR@OMSMotion.com

www.OMSMotion.com

 /ProDexInc

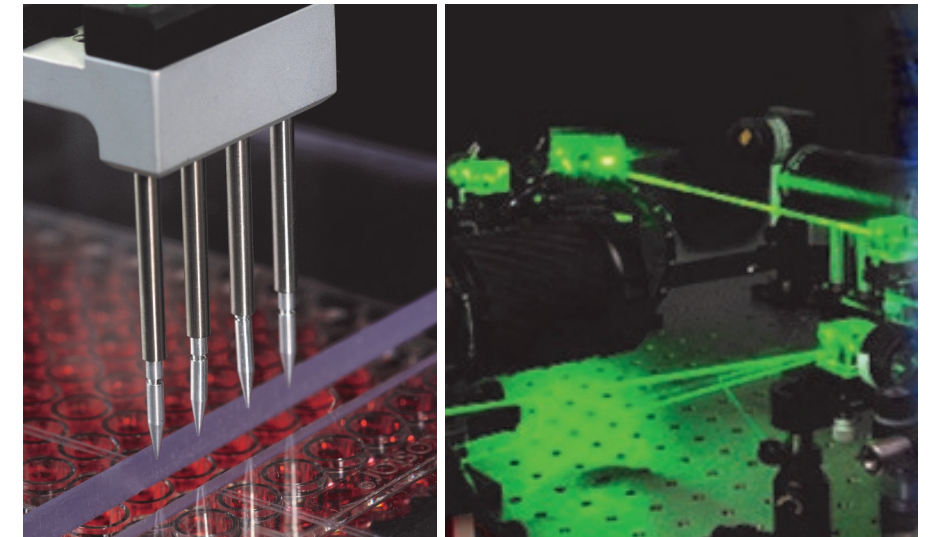
 @OMS_Motion

 +OMSinmotion



"The Company in Motion"™

Motion Control Solutions



www.OMSMotion.com

Multi-Axis Motion Control

OMS Motion has been producing world-class motion control for over 30 years. With over 500,000 axes installed worldwide, our capable motion control products are what we make and our relationships with our customers is our mission. OMS products are continuously evolving to provide the reliability, accuracy, and performance needed for complex applications at the best value for today’s ever-changing market. Whether it’s vital medical analysis, precise semiconductor equipment, or advanced scientific research, OMS is trusted by engineers who demand perfection.

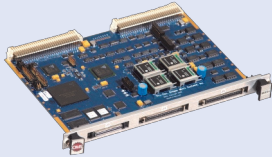


“ OMS Motion has been producing world-class motion control for over 30 years”

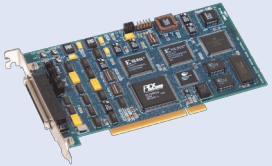
- Nuclear Fusion
- Vital Medical Analysis
- Radioactive Testing
- Diagnostic Imaging
- Laser Scribing
- Lab Automation
- Robotics & more



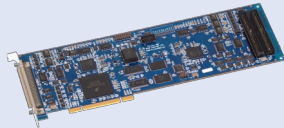
“ Over 500,000 axes installed worldwide ”



- MAXv**
- 266 MHz, 32-bit RISC Processor
 - 4032 Bytes of Dual Port RAM
 - VME64 Specification
 - Controller I/O Capabilities



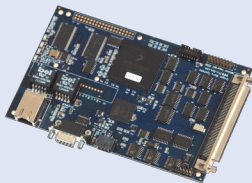
- PCIx**
- Controller Capabilities
 - Communication Interface
 - Sophisticated Control Functionality
 - 32-bit Processor



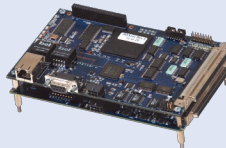
- MAXk**
- 266 MHz, 32-bit RISC Processor
 - 64k Shared Memory
 - PCI Universal Bus - 3.3 or 5.0 volts
 - Controller I/O Capabilities



- PC78**
- Controller Capabilities
 - Sophisticated Control Functionality
 - 32 bit processor
 - Flexible and expandable



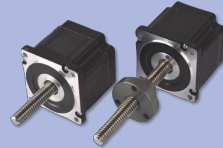
- MAXnet**
- Ethernet or RS232 Communications
 - 266 MHz, 32-bit RISC Processor
 - Controller I/O Capabilities
 - Motion Feedback



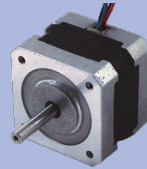
- MAXnet 10-Axis**
- Ethernet or RS232 Communications
 - 266 MHz, 32-bit RISC Processor
 - Controller I/O Capabilities
 - Motion Feedback



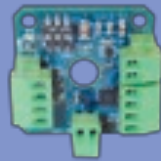
- UMX**
- Controller Capabilities
 - Sophisticated Control Functionality
 - Flash Memory
 - Software and Firmware



- PLM Motors**
- Available in sizes 8, 11, 14, 17, 23, & 34
 - 4032 Bytes of Dual Port RAM
 - VME64 Specification
 - Controller I/O Capabilities



- PBM Motors**
- Available in sizes 8, 11, 14, 17, 23, & 34
 - High Torque Density
 - Excellent Performance
 - Low Cost



- OMD17b**
- LED Power Indicator
 - Control Voltage +5V to 20V
 - Easy Wiring
 - Current-set Resistor



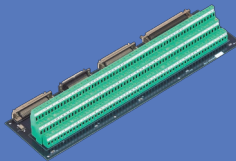
- OMD23**
- Bi-polar Chopper Drive 0.0 to 2
 - Amp Phase Current
 - Electrically Isolated Control Signals
 - Compact, measuring only 2.5” x 3”



- OMD34**
- Bi-polar Chopper Drive
 - Amp Phase Current
 - Electrically Isolated Control Signals
 - Compact, measuring only 3” x 3.25”



- MD125**
- Selectable Micro-step Resolutions
 - Output Current from 0.1 to 7 amps
 - Electronic Circuit Breaker
 - Supply Voltage of 12 to 80VDC



- Accessories**
- Connection Modules
 - Cables
 - Connectors

“ OMS is trusted by engineers who demand perfection.”