

EMPIRE MAGNETICS provides quality motor products designed to perform in environments and applications where ordinary motors are unsuitable. Custom systems and modifications are available upon request.

- ▶ **Stepper Motors**
- ▶ **Servo Motors**
- ▶ **Jumbo Stepper Motors**
- ▶ **Gearboxes**
- ▶ **Resolvers**
- ▶ **Stand Alone Resolvers**
- ▶ **Brakes**
- ▶ **Rotor Nuts**
- ▶ **Encoders**
- ▶ **Turnkey Projects**
- ▶ **Repair Services**

*For more information,
give us a call or check out our website.*

Empire Magnetics Inc.

5780-B LaBath Ave., Rohnert Park CA 94928
Phone: 707.584.2801 / Fax: 707.584.3418
www.empiremagnetics.com

Empire Magnetics Inc.

*Our quality motor products
have always been innovative,
so why should our catalog
be any different?*

Our electronic catalog will not only reduce paper consumption, it will allow you, our customers, to receive complete product information quickly and conveniently.

By using the Internet, you will be able to select specific product information from the Empire Magnetics' Web Site: www.empiremagnetics.com

If you are not hooked up to the Internet, our sales personnel can discuss your needs and then fax you the appropriate information off of the Internet.

Anyway you look at it, this electronic catalog is the best way for you to receive the right information at the right time.



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Survive**

Empire Magnetics Inc.
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*“Getting the RIGHT information to the
RIGHT person at the RIGHT time.”*

Empire Magnetics ... Our Products Survive in ANY Environment!



VACUUM ENVIRONMENTS

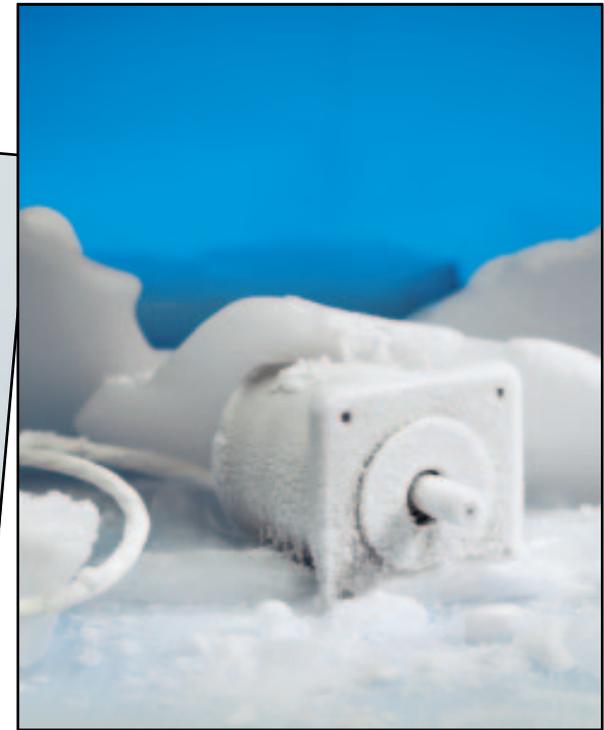
Empire Magnetics supplies a series of products that operate in vacuum. Successful applications include: semiconductor manufacturing equipment, E-beam microscopes, satellite testing, space based equipment, beam line equipment, deposition equipment, observatories and more.

HAZARDOUS ENVIRONMENTS

Automating an industrial process is a complex problem when combustible vapors or dust are present in the work environment. Empire Magnetics' PT Series step motors are sealed and equipped with air fittings for pressurization. These motors are commonly used in spray painting, printing, flour mills, fuel processing, alcohol production, chemical processing and rocket fuel machining applications.



Go online for product information!
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CRYOGENIC ENVIRONMENTS

Cryogenic temperatures (tested at 20 Kelvin) call for motors designed with materials carefully selected for compatible thermal expansion characteristics and resistance to brittleness.



WATERPROOF ENVIRONMENTS

Our waterproof series was designed to address corrosion problems and the sealing of rotating shafts and other fluid entry points. Typical applications include: drug manufacturing, food processing, machine tools, marine submersion, paper making, film processing and chemical manufacturing.

RADIATION ENVIRONMENTS

Our radiation hardened products combine the best available radiation resistant materials to provide motors with the longest possible service life in a radiation environment. Typical applications include: Three Mile Island cleanup, reprocessing fuel rods, industrial x-ray machines, physical science research and reactor inspections.



WASHDOWN ENVIRONMENTS

Food processing and drug manufacturing equipment which must be washed for sanitary reasons, add requirements besides waterproofing of the equipment. Washdown equipment must be easy to clean, with a minimum of cracks and



crevices to support bacterial growth. Choose our Rubber Duck or Stainless products for genetic research, pharmaceuticals, food processing, dairy breweries and packaging applications.

For more information, check out our website www.empiremagnetics.com or fax Empire Magnetics at 707.584.3418.