

## ...Get To Know Us

For over 25 years we have been a leading provider of standard, modified standard and custom designed D.C. linear solenoids under the MAGNETEC brand name. We also offer next-level assembly support, in addition to designing and manufacturing electronic modules that interface with solenoids and other electromechanical devices.

## Talk To Us Today!

For quick response, mark the circles below and fax us this page today at (603) 622-2690.

*Please Send Me:*

- Solenoid Applications Specification Sheet
  - Information On Our Company And Our Products
  - Specific Information About \_\_\_\_\_
- 

*Or Contact:*

*Don Descoteaux,  
Product Manager*

Jewell Instruments, LLC  
850 Perimeter Road  
Manchester, NH 03103

Telephone: 603 669-6400  
Toll Free: 800 227-5955  
Facsimile: 603 622-2690

[www.jewellinstruments.com](http://www.jewellinstruments.com)

**Jewell  
Instruments**

850 Perimeter Road  
Manchester, NH 03103 USA

**Jewell  
Instruments**

*Tough  
Requirements  
For Solenoids?*



*We'll Lead You Through  
The Requirements Maze...*

**To Smart Solutions**

## A Wide Range Of MAGNETEC Solutions For Your Solenoid Needs

- ▶ Standard, modified and custom designed solenoids, as well as higher level assemblies.
- ▶ Electronic modules to power down solenoids and conserve energy.
- ▶ Electronic modules to provide time delayed input signals for solenoids and other electromechanical components.
- ▶ Strokes of up to an inch and loads of up to 20 pounds.
- ▶ Custom designs for other parameters.

- ▶ Tubular solenoids, including our patent-pending **TriCORE™** magnetically-efficient designs with three air gaps in their magnetic circuit versus the usual four in a conventional design.
- ▶ Interposer solenoids

- ▶ Open frame solenoids in both C-Frame and D-Frame configurations.
- ▶ Dual coil bi-directional solenoids
- ▶ Frameless and Stopless solenoids with innovative design options, fewer piece parts and lower cost.

## Here Are The Problems And Challenges We Can Solve For You

- ▶ Reduce Costs
- ▶ Improve Reliability
- ▶ Improve Performance
- ▶ Increase Energy Efficiency
- ▶ Resolve Unusual Problems
- ▶ Give You More Freedom For Your Product Design

## Our Problem Solving Experience

We've tackled and mastered tough challenges from Hewlett-Packard, Eastman Kodak, Polaroid, Transact Technologies and Xerox.

If your design requires a low cost way to:

- |                 |                      |
|-----------------|----------------------|
| ▶ Push/Pull     | ▶ Engage/Disengage   |
| ▶ Clamp/Unclamp | ▶ Connect/Disconnect |
| ▶ Latch/Unlatch | ▶ Advance            |
| ▶ Actuate       | ▶ Pinch              |
| ▶ Open/Close    | ▶ Interpose          |
| ▶ Move          | ▶ Divert             |
| ▶ Release       | ▶ Translate          |
| ▶ Position      | ▶ Cut                |
| ▶ Cover/Uncover |                      |

Make sure you...