The Lead

Linear Spring Series

May 23, 2013 | by MDT Staff | Smalley Steel Ring Co. | Comments

Smalley Steel Ring Company has announced the release of the new Linear Spring Series. The new Linear Springs offer a selection of spring loads that react along a straight line, as opposed to a conventional spring that fits in a circular cavity. This means a linear spring may be located in an axial direction but providing a radial force.

Power Solutions for Mission Critical Applications

May 23, 2013 5:01 pm | by MDT Staff | Comments

Power Sources Unlimited has introduced the DC-UPS system for your mission critical applications...

State-of-the-Art Part Handling Solutions at MD&M East

May 23, 2013 4:43 pm | by MDT Staff | Comments

Virtual Industries has announced that it will display advanced systems for part handling in...

Tight Tolerance Springs and Stamping Capabilities at MD&M East

May 23, 2013 4:09 pm | by MDT Staff | Comments

Connecticut Spring & Stamping (CSS) has announced that it will showcase its expertise in...

ST-7565A-2 shown here

Low Ripple DC Tachometers

May 24, 2013 2:58 pm | by MDT Staff | Servo2Go.Com Ltd. | Comments
Servo-Tek Tach Generators provide a convenient means of converting rotational speed into an isolated analog voltage signal suitable for remote indication and control applications. Combining high accuracy with low driving torque, Servo-Tek tach generators are ideal for use in servo systems.

High Performance Ceramic for Increased Life-Span of Orthopedic Implants

May 24, 2013 2:32 pm | by MDT Staff | Comments
Innovnano has developed 3 mol % yttria stabilised zirconia powder (3YSZ) – an advanced technical ceramic with medical device applications. Thanks to a uniform nanostructure and formation of a high stability phase under pressure, Innovnano’s 3YSZ combines extreme component strength and fracture-resistance with enhanced biocompatibility...

Barbed Fittings Available in Five Materials

May 24, 2013 2:23 pm | by MDT Staff | New Age Industries | Comments

Barbed fittings for use with plastic and rubber tubing and reinforced hose are available from NewAge Industries in five materials. Each material – polypropylene, polyethylene, nylon, PVDF, and brass – offers different performance properties to meet the demands of diverse applications.

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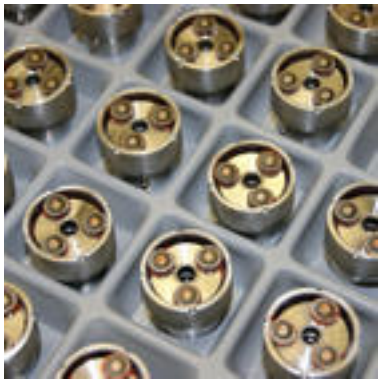


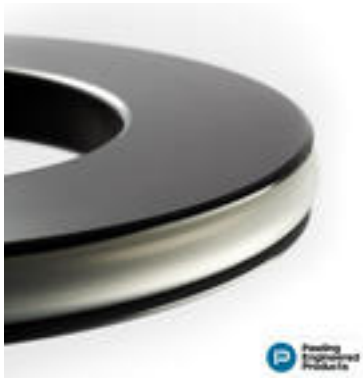
Custom Precision Components at MD&M East

May 24, 2013 2:10 pm | by MDT Staff | Comments

Precipart will be exhibiting at MD&M East, June 18 – 20, 2013 in Philadelphia, with a wide range of high-precision machined, molded and assembled components used in medical devices. Precipart will be featuring several examples of its motion control technology along with a variety of mechanical components...

TOPICS:

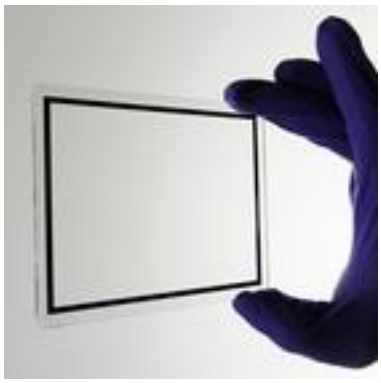
- MD&M East



USP Class VI Certified Inflatable Seal Compounds

May 24, 2013 1:31 pm | by MDT Staff | Comments

Pawling Engineered Products has launched a new line of inflatable seal compounds that have earned U.S. Pharmacopoeia Class VI certification. The CVI Series is especially designed for inflatable seals used in a wide range of pharmaceutical and medical seal applications.



Dielectrically Enhanced ITO Coatings for Demanding Display Applications

May 23, 2013 5:16 pm | by MDT Staff | Comments

Utilizing the latest in thin-film vacuum deposition technology, Dontech's CAR-Series and VC1-IM-Series index-matched ITO coatings on glass filters provide exceptional optical and electrically conductive properties. For high-end display programs, CAR-Series coatings are index-matched to air...

Pumps and Compressors Offer Broad Range of Pressure, Vacuum Options

May 21, 2013 3:19 pm | by MDT Staff | Thomas Division | Comments

Thomas' line of single piston pumps and compressors are designed to withstand the most demanding applications. The 660 and 668 Series feature air flows to 2.7 cfm (76.5 l/min), pressures to 100 psi (6.9 bar) and maximum vacuum to 93% of local barometer (930 mbar).

Addition Cured Silicone for Biocompatibility and Cytoxicity

May 21, 2013 2:43 pm | by MDT Staff | Master Bond, Inc. | Comments

The MasterSil 153Med has been introduced by Master Bond. The two part silicone with a paste consistency features a convenient one to one mix ratio by weight, and does not require exposure to air and humidity for cross-linking. It has a long working life of 5-7 hours and will not outgas while curing.

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PE Resin Blend Sheet Foam with Multidirectional Stretch

May 21, 2013 2:25 pm | by MDT Staff | Pregis Corporation | Comments

Pregis has introduced Stretchfoam, an "industry first" proprietary polyethylene (PE) resin blend sheet foam with multidirectional stretch for protective packaging applications. Stretchfoam represents the latest addition to the company's Microfoam line.

Transparent Polyamide for Home Healthcare Applications

May 21, 2013 1:08 pm | by MDT Staff | Comments

Arkema has introduced Rilsan Clear G-170 MED, a fully transparent polyamide for use in breathing masks, tubing and other transparent medical components. Rilsan

Clear G-170 MED is more transparent than glass, lighter and more flexible than polycarbonate for applications in which patient comfort is required.

Compact Valves with High Flow Rate and Power Density

May 21, 2013 12:48 pm | by MDT Staff | Burkert Fluid Control Systems | Comments

With the TwinPower technology the fluid technology specialist Burkert has developed a new actuator design for solenoid valves that increases the power density by using two coils. This innovative actuator technology, which allows a very compact design, is now available as a complete standard valve line in widths of 10mm and 16mm...

Lasers at 594 nm for Fluorescence-Based Applications

May 21, 2013 12:33 pm | by MDT Staff | Coherent Semiconductor Group | Comments

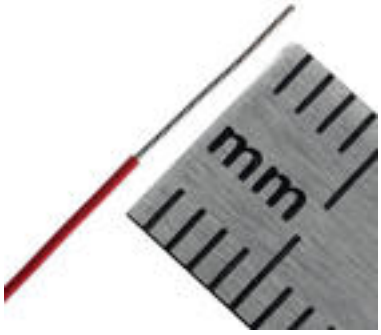
A new series of Sapphire lasers from Coherent at 594 nm are ideal for fluorescence-based applications in life sciences. Formerly, this wavelength was only available from inefficient, low-power HeNe lasers, or from diode-pumped solid state (DPSS) lasers utilizing complex frequency-mixing schemes.

Medical Approved, 400W AC/DC Power Supplies

May 20, 2013 2:51 pm | by MDT Staff | Micropower Direct Llc | Comments
The MPU-400M series, available now from MicroPower Direct, is a family of compact 400W AC/DC power supplies that are certified to EN 606013RD edition. These power supplies offer a unique combination of high power, safety features, robust performance and compact construction.

New One Way Respiratory Valves

May 20, 2013 2:42 pm | by MDT Staff | Qosina | Comments
Qosina has announced the addition of two One Way Respiratory Valves to their line of respiratory kit components and circuit connectors. Made of polypropylene and medical grade silicone, the valves feature molded arrows to indicate the direction of flow.



Micro Extrusion Primary Wires

May 20, 2013 2:33 pm | by MDT Staff | Temp-Flex Cable Inc. | Comments
Temp-Flex has announced its MediSpec micro extrusion primary wires, designed to meet tight tolerance requirements for invasive and implantable applications in the medical industry. The Temp-Flex MediSpec micro extrusion primary wires deliver optimal reliability down to 52 AWG in a wide range of biocompatible conductor materials.

Pages

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- …
- next ›
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