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World Medtech Forum Lucerne to Debut in September 2012

The [World Medtech Forum Lucerne \(WMTF\)](#) will debut at the [Lucerne Exhibition Centre](#) in Switzerland this fall. Scheduled for 25 to 27 September 2012, the event combines an [exhibition](#), [conference](#) and various expert meetings. This section features some of the exhibitors.

By: [Yvonne Klöpping](#)

## Precision machining

Diener Precision Machining is specialised in the machining of precision components for use in medical instruments and implants. Extensive, validated processes guarantee that all customer requirements are met. Titanium, high-alloy steels and aluminium are processed. Core services include the turning, milling and drilling of complex products. Laser marking of all components is available on request; two cleanrooms are on site. A large number of the manufactured products are exported, mainly within Europe and to the United States. The firm is certified to ISO 13485.

**Diener Precision Machining AG**

**Hall 2a, Stand A 105**

## Power supply

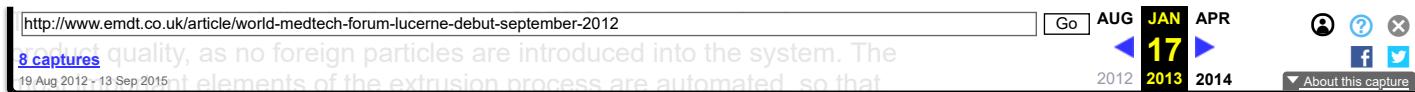
A manufacturer of electronic and electrical components, Schurter will present power sockets and power entry modules with and without power-line filters for use in a broad range of medical electrical equipment at the World Medtech Forum in Lucerne. These products fulfill the requirements of the base standard, IEC/UL 60601-1, for medical electrical systems and generally can be used in most equipment without additional testing. Of special note for medical applications is Schurter's V-Lock cord retainer, a simple and attractive alternative to brackets. A notch on the power socket interlocks with a special latch on the connector, preventing the cord from being pulled out of the socket unintentionally.

**Schurter AG**

**Hall 2a, Stand C157**

## PETG film extrusion

Medipack offers high-quality blister packaging, packaging services and heat sealing machines to the medical device industry. To meet increasingly stringent requirements in terms of cleanliness, production conditions and traceability of raw materials, the company has expanded its core business to include PETG film extrusion. PETG combines transparency, sterilisation resistance and thermoforming and sealing properties.



even small, ultra-high-quality production runs can be performed to tight tolerances. To protect the PETG film from contamination, the process runs under controlled conditions in a cleanroom. The production unit is currently in the test phase.

### Medipack AG

Hall 2a, Stand A103

### Packaging services

IL-MedTec Ltd specialises in the packaging of medical devices such as implants and surgical instruments under cleanroom conditions according to EN ISO 13485. The company provides customer-specific packaging development, cleaning and assembly; primary packaging in pouches, blisters and ampoules under cleanroom conditions; final packaging and coding; and sterilisation services and validation. The firm is part of the Swiss Ivers-Lee group, which has been providing an array of packaging services to the healthcare industry for 65 years.

### IL-MedTec Ltd

Hall 2a, Stand D170

### Machine tools

A supplier of custom machining products for value-added medical work pieces, Willemin-Macodel will showcase various medical parts fabricated on its machining centres, including biopsy forceps and cervical plates. The firm can also manufacture dental implants, bridges, hip implants, bone plates and screws, spinal hooks, surgical forceps and scissors. In addition to the medical and dental industries, the machine tool supplier manufactures micromechanical components and serves the aviation, aerospace and moulding industries. A personalised service, from initial feasibility studies to support of the machining centre during its life cycle, is part of the firm's commitment to its customers.

### Willemin-Macodel SA

Hall 2, Medisiams

### Research and development

The Swiss Federal Laboratories for Materials Science and Technology, Empa has long-standing experience and in-depth know-how in the area of medical technologies,

particularly in bringing the latest research results to market by teaming up with industry partners. The company is active in the development, design and production of medical textiles and implant materials. Properties such as mechanical value, corrosion resistance, morphology and in vitro biological response are characterised and evaluated in detail.

Empa's goal is to enhance the innovative edge and competitiveness of the Swiss medtech industry as well as to improve quality of life for the public at large. The firm will participate in the Center of Attention during the World Medtech Forum in Lucerne, a platform for an informal and interdisciplinary exchange between research institutes at clinics, universities, technical colleges and the medical technology industry.

### Empa

Location: Center of Attention

### Liquid crystal polymers

Dyconex has developed ultra-high-density liquid crystal polymer (LCP) substrates for medical implant applications. The company strengthened its technology portfolio in late 2011 by acquiring several state-of-the-art technology assets.

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The company is able to fabricate multilayer designs with 20-µm features. The

implantable bionic devices. The product line is currently in the early ramp-up stage.

**Dyconex AG, an MST company**

Hall 4, Stand B432

## Materials testing

The RMS Foundation is an independent lab specialised in the testing and investigation of materials and products for medical applications. Prototypes of new implants are tested at the firm's in-house lab to evaluate strength, fatigue, and wear and corrosion resistance. For the manufacturing sector, RMS performs quality checks on raw materials and semifinished products. Equipped with best-in-class systems, the company's tools enable structural

investigations by means of light and electron microscopy, analyses of chemical compositions, static and dynamic testing of products, functional tests, surface analysis, proof of cleanliness and detection of impurities. RMS is certified to ISO 9001 and select standard investigations are accredited to ISO/IEC 17025.

**RMS Foundation**

Hall 2A, Stand A113

## Plastic parts

A supplier to manufacturers of diagnostic and medical products and related robotics, Treff AG produces plastic consumables and medical devices in ISO Class 8 cleanrooms. Products include deep well plates, microtubes, PCR- and qPCR products, microtitre plates, pipettes, cryogenic tubes, sealing sets and self-adhesive sealing foils. All precision plastic parts are developed in close cooperation with the client, from concept to serial production.

**Treff AG**

Hall 4, Stand B 433

## Plastics processing

Specialising in the production of plastic parts for medical applications, Riwisa routinely supplies simple to complex products that meet the highest levels of customer requirements. Working within predefined regulatory and economic parameters, the company prides itself on working in close cooperation with its customers. The firm's in-house know-how and fully automated production under Class C cleanroom conditions ensure on-time delivery even in high production volumes. Product design and development, engineering, project management, quality assurance, regulatory affairs and series production are among the areas of expertise.

**Riwisa AG**

Hall 4 Stand B 420

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