

# Medical Technology in Hungary

Incubation, innovation and manufacturing precision



Dear Partners,

Hungary is a bustling business hub in the very heart of Europe. Located along Europe's main crossroads, the country is the perfect place for investors seeking to expand their operations in Central and Eastern Europe. In Hungary, your company will also find a highly skilled, creative, motivated, flexible and hardworking workforce.

Hungary is a land of creativity, with life sciences technology undoubtedly one of the main drivers of innovation and economic growth. Scores of multinational companies have based their manufacturing and service operations and, in some cases, European headquarters and R&D centres in Hungary, bringing some EUR 70 billion in foreign direct investment over the years. The favourable geographical location, and the safe legal background, an advanced business infrastructure and a committed labour force are the main ingredients in the "Hungarian Mix" – an effective stimulant of long-term progress and prosperity, even during these challenging times of global recession.

One of the most traditional Hungarian industries is medical technology. Several Hungarian companies have won international acclaim and recognition with their high-quality products and technologies. While innovative indigenous SMEs are continuously growing in numbers and strength, numerous international medtech producers have also found attractive locations and a productive workforce in Hungary.

HITA, the government's investment and trade development agency, is committed to promoting Hungary as a prime investment location and a reliable business partner. HITA's strong commitment to promoting the Hungarian medical sector's development served as the genesis of this brochure. It seeks to describe the Hungarian medtech environment as well as introducing the sector's numerous investment and trade opportunities.

Erzsébet Dobos President Hungarian Investment and Trade Agency

#### INTRODUCTION

Rich traditions in medical technology Hungary excels in the development of hospital and medical technology, a sector that has seen almost a century of groundbreaking innovation, highly specialised technical development and significant exports to all five continents. Companies involved in research and development have a myriad of links to local universities and institutions and maintain close contact with Hungarian health care providers. As a result, there are many areas in which Hungarian health care matches or even surpasses the European Union standards.

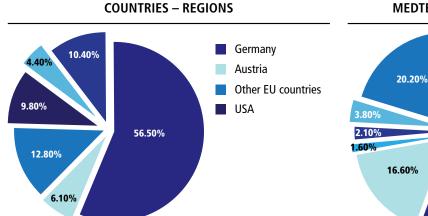
### Medical device manufacturing

- » Long tradition of scientific equipment manufacturing
- » More than 150 manufacturers
- » The annual export volume of more than 327 million USD was generated by Hungarian manufacturing MEDTECH companies (year 2009, source: ESPICOM, EUROSTAT)
- » Major products: orthopedic appliances, X-ray generators, dental fittings, artificial body parts, electro-diagnostic apparatus, needles, syringes
- » 56% of goods are exported: Germany is the main destination, Russia is still a significant market
- » Significant presence of multinationals
  » Cutting edge research and development in university spin-offs

#### Foreign or foreign-owned companies

Since the early 1990s, multinational companies have been attracted to Hungary by the large number of highly qualified specialists and now perform some of their most knowledge-intensive tasks here. Included among them is General Electric Zrt., engaged in the development of X-ray technology, digital imaging and digital mammography equipment, and Hans Pausch Hungária Kft., which specialises in the development and production of X-ray equipment.

#### **Destinations of export**



Source: Espicom Business Intelligence, 2011

#### Distribution of export products MEDTECH EXPORT BY PRODUCT GROUPS

55.60%



Consumables

Diagnostic

apparatus

Dental products

imaging

#### CLUSTERS AND ASSOCIATIONS

Medical devices are regulated by the European Union's Medical Device Directives (MDD), which came into force in 2002. National decree transposes the EU MDD and Active Implantable Medical Device Directive (AIM-DD) into national legislation, which allows very few exceptions from this directive. The body charged with regulating the market is the Office for Health Authorisation and Administrative Procedures, which is an affiliate of the Ministry of Health (more information: www.eekh.hu).

#### MediCluster www.mediklaszter.eu

The MediCluster of Hungarian Medical Manufacturers and Service Providers was established by members of the Association of Hungarian Medical Device Manufacturers in 2006.

- » The MediCluster (www.mediklaszter.eu) is a network of for-profit and not-for-profit companies and institutions engaged in the development, sales and services related to medical devices as well as in import activities and associated businesses and technical consulting.
- » The cluster operates with a flat hierarchy and in a spirit of trust and economic partnership among its members.
- » The organisations participating in the cluster include key players in the Hungarian medical technology sector. These companies are Hungarian-owned and involved in the development, production, distribution and promotion of medical technology to provide high-quality medical solutions for social benefit.
- » Their mission is to deliver state-of-the-art solutions at reasonable acquisition and maintenance costs. Dominant areas of the MediCluster's work include the development, manufacture and distribution of home diagnosis and treatment products and hospital equipment.
- » In 2008, the Medicluster earned the title "Accredited Innovation Cluster". Of the nine accredited clusters in Hungary, this is the only one specialising in medical technology.

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## The Association of Medical Device Manufacturers www.amdm.hu

- » The Association of Medical Device Manufacturers (OSZ) was established in 1997 and has been a member of Eucomed (the European Medical Technology Industry Association) since March 1998.
- » The members of OSZ list Hungary's top 50 manufacturers and suppliers of medical technology, including Hungarian and international organisations generating turnover in the billions of forints, as well as a large number of small and mid-sized enterprises serving the entire country.
- » Their products and associated services cover the full spectrum of medical equipment, from conventional devices to state-of-the-art technology and solutions for every discipline.
- » There are some 60 large companies and at least 3,000 small and medium sized enterprises altogether employing 10,000 persons working in the segment dealing with manufacturing, trade, and health services.

#### **BUILDING ON THE PAST**

The beginnings of medical equipment technology development in Hungary date back to the early 20<sup>th</sup> century.

#### The early 20<sup>th</sup> century:

Industrial-scale manufacture and distribution of X-ray machines began on February 23, 1918, when Odelga Gyógytechnikai Rt. was officially registered at the Royal Court in Budapest. From February 1933, the company was known as Magyar Siemens-Reiniger Művek Rt.

- » In 1929, Philips of Eindhoven, Holland, established a trading company called Metalix Rt. in Budapest, and later built an X-ray factory by the name of Vatea. In the same year, Károly Hatscher founded a small workshop in Budapest.
- » In the 1920s and 30s, a host of manufacturers produced X-ray devices, including Martin and Sigray, Erdélyi and Szabó Rt., Bartha and Székely, and Elektromos Transzformátor és Készülék Rt., and even an engineer at the Ganz electrical factory named Géza Varga.

#### The mid 20<sup>th</sup> century:

The development of and manufacturing by small and mid-sized enterprises – to use today's terminology – in other fields of medical technology continued until Soviet occupation in 1945, or rather the beginning of the Communist dictatorship in 1948-49, when small companies were nationalised and forcibly merged. Magyar Siemens-Reiniger Művek Rt. became the sole company on the Hungarian market in 1933, and operated as Medicor Művek from 1963 onwards. (See separate section on the history of Medicor.) » In the 1960s, semi-conductor technology and microprocessors made it possible to manufacture larger and more complex systems. Elektronikus Mérőkészülékek Gyára (EMG) and Gamma Művek (Gamma) were pioneers in this field. EMG specialised in ECG and EEG technology, while Gamma developed a range of nuclear medical systems. Another company, the Medical Aids Factory played a major role in aiding rehabilitation by mass producing a variety of equipments to assist those suffering from various disabilities.

#### The late 20th century:

- » After the fall of Communism, the medical technology market experienced significant changes. New ownership and manufacturing structures evolved and stabilised as large domestic companies were gradually privatised and split up.
- » After the regime change some 100 small and mid-sized companies were formed in the wake of the political changes of the 1990s. Many of these continue to further the strong traditions in this field and the majority remain in Hungarian ownership.

#### **Medicor Művek**

Medicor Művek was formed from Hungary's medical technology companies in 1963. The company tasked with development, manufacturing and trading played a dominant role in the domestic industry for some 30 years. Medicor Művek continued to expand and develop into the 1980s. At its peak, the company employed more than 10,000 people in its two factories, the research and development institute, and domestic and export trading arms. In this period, Medicor accounted for more than half of Hungarian medical technology manufacturing and had representation in 35 countries around the world. Some 85% to 90% of the production was exported.

- » The company manufactured 450 types of equipment and 1,500 types of medical instruments. Its product range spanned the full medical spectrum from singleuse syringes through electromedical equipment and X-ray systems to complex subsystems and complete health care solutions.
- The company split into ten independent manufacturers and service providers, and in February 1989 Medicor's largest creditors and several banks founded Medicor Holding. In 1993, the company was acquired by Postabank, but when the financial institution collapsed in 1998, it came under direct state control once more.
- » Further significant changes followed when Medicor Röntgen Rt. was sold to America's General Electric, while two thirds of the remaining shares were acquired by the Hungarian Equity Partners (HEP), overseen by the European Bank of Reconstruction and Development (EBRD), with the final third purchased by the Hungarian-American Enterprise Scholarship Fund.
- » The Medicor management reacquired Medicor Röntgen Zrt. from GE in 2003, while the EBRD and Hungarian-American Enterprise Scholarship Fund sold their share largely to the company's directors in 2003-2004. Today, the manufacturing and service companies in the Medicor Group are almost entirely Hungarian-owned and serve as the headquarters for Hungarian production of medical instruments and related services. These companies include Medicor Elektronika Zrt., Medicor Kéziműszer Zrt., Medicor Szerviz Zrt., Dispomedicor Zrt. and Medicor Meditű Kft., and Innomed Zrt.

#### Medicor Elektronika Co. Ltd.

- » Today, the manufacturing and service companies operating within MEDICOR Group are almost entirely Hungarian-owned and serve as the centre for the production of medical instruments and related services in Hungary.
- » Medicor Elektronika has registered capital of €500,000 and posts annual revenue of approx. €3 million. It is a 100% Hungarian-owned private company.
- » Medicor Elektronikai Zrt. was part of the state-owned Medicor Művek, founded more than half a century ago, and is the legal successor to its subsidiary Medicor Medakku, founded in early 1983, and Medicor Diagnosztika Kft. The company has operated as a stock company since January 1, 1989.
- » The company is overseen by the Medicor<sup>®</sup> Group, one of the major developers and manufacturers of medical instruments in the European Union.
- » The stock company plays a key role in the design and production of neonatal medical equipment for which it has a global distribution network. Its home treatment products also generate considerable revenue, particularly in Hungary.
- » Medicor Elektronika's leading products include hospital equipment (clinical neonatal incubators, reanimation and warming tables, phototherapy lamps, infusion pumps and accessories for neonatal medical care) and home diagnosis and therapy products (baby scales, apnea alarms, digital blood pressure monitors, TENS devices, blood sugar monitors, digital thermometres and massage products).
- » The company also distributes several hundred branded products from other vendors and operates an online store.

#### Medicor Kéziműszer Co. Ltd.

» For half a century, Medicor Kéziműszer has been the leading manufacturer and distributor of medical instruments in Hungary and played an influential role in Eastern Europe.

Its core competence is the manufacturing of almost 6,000 stainless steel surgical and dental instruments. Its products include knives, scalpels, scissors, tweezers, vascular clamps, tampon and tissue forceps, pincers, hooks, spreaders and laryngoscopes, bone forceps, clamps and elevators, atraumatic instruments, microsurgery

- » The quality of Medicor Elektronika's work and products is guaranteed by ongoing development, reliable production processes and strict quality control. It works with a broad network of approved domestic and international suppliers.
- » Medicor Elektronika has outstanding references in more than 60 countries all over the world for its own and distributed products.
- » Its equipments are present in all of Hungary's hospitals and large quantities are exported to markets in very many countries, particularly Russia, Ukraine and Belarus, as well as Poland, Germany, Italy, Romania, France, Austria, Slovakia and Belgium. Many of its products are also sold in South America (Brazil and Peru), the Middle East (Pakistan, Egypt, Syria and Iran), and Africa (Libya and Algeria). The company has also established strong links to the Chinese and Indian markets.
- » Medicor Elektronika Zrt. is a founder and leading member of the Professional Association of Hungarian Medical Manufacturers and Suppliers (Medicluster).





instruments, sampling spatulas and tweezers, dental pliers, root elevators, cavity filling devices, periodontal, orthodontic and oral surgery instruments.

» The high quality of Medicor Kéziműszer medical instruments is ensured by materials sourced from Germany, modern production processes and a team of 500 experts with enormous professional expertise. The company's annual manufacturing volume totals 1.5 million instruments of which 90% is exported to Western Europe, the US and Japan.



#### Innomed Medical Co. Ltd.

- » Innomed Medical is primarily engaged in research, development, manufacturing and sales in the fields of cardiology, intensive care, defibrillator technology and digital radiology. It exports to more than 110 countries around the world.
- » The company won an Innovation Grand Prix in 1999 for its range of high-frequency X-ray generators.
- » The foundations for Innomed Medical Development and Manufacturing were laid with the formation of Innomed Kft. in 1989. This was followed by merger with other companies in the group in 1999 to create a stock company with considerably larger working capital.



The company employs 132 people in its Budapest headquarters and Esztergom factory. A key factor in its operations is the use of the latest and most efficient production technologies and management methodologies to ensure that the requirements of both doctors and management are met.

» Its cardiographic instruments can be adapted to the specific needs of various medical disciplines, resulting in considerable commercial success in more than 110 countries. Innomed products include ECG equipment from basic to complex as well as Holter monitors and stress test systems. The most dynamic of Innomed Medical's intensive care products is its bedside and transport monitoring system which comprises portable colour monitors and centralised control units.

- » In 2002, the company purchased an exclusive licence to manufacture and distribute the complete range of products from Danish defibrillator manufacturer and developer Artema, including its automated assembly lines. The CardioAid 200B biphasic defibrillator was built on this technology, but further innovation from in-house developers has made it to become one of the most popular products.
- » A partnership agreement has also been signed with CardiacScience of the United States for the exclusive distribution to Central and Eastern Europe of one of the world's most advanced semi-automatic biphasic defibrillators.
- » In addition to Innomed Medical's cardiography range, its radiology products have also experienced rapid development since its proprietary high-frequency X-ray generators first appeared on the market in 1994. The company has continued to keep abreast with the latest developments in radiology, regularly developing and updating its product range to satisfy the changing demands of the medical profession. The digital pulmonary function testing cabins and their mobile adaptations suitable for installation in vehicles developed by Innomed Medical engineers have achieved success both domestically and internationally, generating a higher share of the company revenues year by year.
- » The company has also deployed cutting-edge technology to stake a claim on the market for PACS systems and gathered a wealth of experience in the installation of complete scanning and imaging systems.



#### Medicor Meditű Ltd.

For 30 years Medicor Ltd. has been manufacturing surgical needles and with its decades of experience it surely guarantees quality to its customers.

The production facility in Makó in South-Eastern Hungary offers the following range of products:

- » Surgical needles
- » Non-coring needles
- » Needles for drains
- » Special, unique medical needles

The success of the company is based on paying attention to meeting our customers' needs and ensuring the highest quality.

The needles are manufactured from high-quality stainless steel. Great emphasis is placed on following all environmental obligations during the manufacturing process as well as for the products themselves.

Medicor Meditű Ltd. exports needles to over 40 countries throughout the world.

Quality is ensured by fulfilling the requirements of the standards of ISO 9001:2000 and the products are distributed with the CE conformity marking.





#### **Dispomedicor Co. Ltd.**

Dispomedicor Zrt. was founded in 1950 by the Hungarian State and has more than 60 years of experience in the field of manufacturing and marketing disposable medical devices. In 1989, the company was transformed into a joint-stock company, and since 2005 it has been operating as a private company. The best manufacturing equipment and controlling units are used to produce single use medical devices with almost 250 employees. The larger part of the products is sold at export markets in Europe, America, Africa and Asia while the company maintains a strong marketing position on the domestic market as well. Dispomedicor has the second largest GAMMA sterilizer mill in Europe standing for the best quality production. Recently, the new ETO-sterilizer was put into operation as well. of modern wound-care dressings and particularly on safety devices. The reason for this is the structural change of the market which is currently taking place: due to the high risk of infection, in the future, only safety devices are going to be used. Accordingly, Dispomedicor Zrt. is highly committed to continuous product development.

The product range includes hypodermic needles for single use; hypodermic needles for blood taking; special ophthalmic hypodermic tipless needles; two-part syringes; three-part syringes; four-part syringes; scalp vein sets, infusion extension sets; connecting sets; urine sets; transfusion sets; infusion sets; oxygen nasal cannula; safety needles; safety syringes and safety scalp vein sets. The great advantage of Dispomedicor Zrt. is the design of not only these products but also of the machines that produce them.



Subsequently, Dispomedicor has become the only company in Europe which uses 3 sterilization methods: GAMMA, ETO and steam. They also offer sterilization services.

The company has four large divisions:

Single use medical devices division
 Surgical dressing division

3. Feminine hygiene products division, and

4. Machinery division.

The company has a very dynamic and broad-spectrum attitude, which is technologically and medically based on modernity and on the dedicated attitude towards patients. During the last five years the company has focused on the continuous development The company is certified according to ISO 9001:2008, ISO 13485:2003, ISO 14001:2004 and Directive 93/42/EEC. The quality certificate awarded by SGS United Kingdom Ltd. testifies the advanced technology, customer focused attitude in its internal and external relations, efficiency and productivity in process management, strict adherence to the prescribed quality commitments, respect to human environment, and innovative nature of the company.

Dispomedicor Zrt. currently has a manufacturing plant that due to the concept that was developed over several months has a level of automation and a quality assurance of products, and added value that make it really one of its kind.

#### **SUCCESS STORIES**

#### **MEDISO Ltd.**

Mediso Medical Imaging Systems with headquarters in Budapest is a dynamic supplier of Nuclear Medicine and modern Multimodality Imaging techniques to the health care and medical research institutions of the world.

The company was founded in 1990 by experts of the largest research and manufacturing company of the region which has been engaged of nuclear equipment manufacturing since 1960.

Main activities of the company:

- Researching innovative human diagnostic and pre-clinical imaging technologies
- » Developing leading edge human-diagnostic and pre-clinical imaging systems
- » Manufacturing, servicing and selling imaging equipment
- » Providing diagnostic clinical services





#### 77 Elektronika Ltd.

77 Elektronika started its operation as a small family business in 1986 in Budapest. The company's focus on innovation and product development resulted in rapid growth and enabled it to achieve a significant global presence. At present, the total headcount of 77 Elektronika is approximately 360 employees of which more than 60 highly qualified engineers work in the field of R&D.

Since its establishment, 77 Elektronika has been developing and manufacturing two core products: blood glucose monitoring systems and urine analyzers. These products are supplied all over the world under 77 Elektronika's own brand name as well as OEM and ODM products for market-leading multinational companies in the field of medical diagnostics.

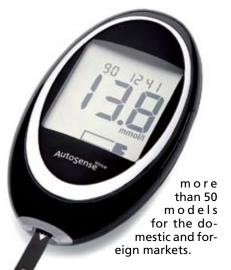
The blood glucose meters manufactured by the company are acknowledged for their high quality and stateof-the-art features. 77 Elektronika plays a leading role on the Hungarian blood glucose monitoring market and it has already developed and marketed

#### Sanatmetal Ltd.

Sanatmetal Ltd. is a 100% Hungarian-owned mid-sized company that manufactures and sells traumatological, spine surgical, dental, veterinary implants and joint replacement (hip and knee) prostheses. It was formed from the Precision Mechanics Company, was an American-English-Hungarian joint venture in its sixteen-year history. From 1999 it operates as a 100% Hungarian owned company.

Sanatmetal Ltd. manufactures more than 22,000 types of products from special stainless steel and titanium alloy is performed with stateof-the-art CNC machines; cleaning and packing is carried out in sterile working environment. The integrated management system (SMPS), management of customer and internal relationships (CRM), LEAN manufacturing system and other up-to-date methods and techniques are all in placr to meet customer needs.

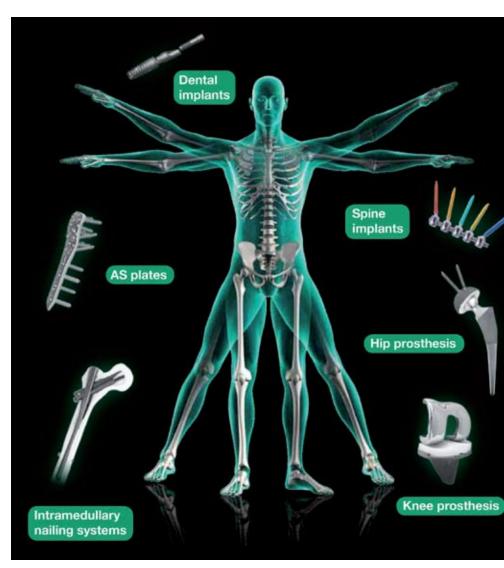
Sanatmetal famous for its continuous innovation, patents, competitive prices and wide range of products stands competition in the international market. The unique designs of implants and surgical instruments guarantee the fast and exact performance of surgical operations; in some cases it provides unique solutions to operational difficulties worldwide.



The range of urine analyzers developed by 77 Elektronika includes urine chemistry and urine sediment analyzers. In terms of size, urine analyzers can be small, easy-to-use devices, high throughput, semi-automated analyzers and fully automated instruments.

77 Elektronika's flagship product, the UriSed was launched in the European and Asian markets in 2007. Thanks to the revolutionary new approach to automated urine sediment analysis, UriSed technology soon became a widely acknowledged and popular method. By the first quarter of 2012 there are more than 1,200 instruments installed world-wide in prestigious laboratories making 77 Elektronika one of the top 3 global suppliers on this field.





#### **3DHISTECH Ltd.**

3DHISTECH Ltd. (the name is derived from "Three-dimensional Histological Technologies") started as a university research group more than fifteen years ago and has grown into a leading company, developing highperformance hardware and software products for digital histology. As the first European manufacturer, 3DHISTECH is one of the market leaders in the world with more than 500 types of systems sold.

Being one of the pioneers in this field, 3DHISTECH develops and manufactures high speed digital slide scanners that create high quality brightfield and fluorescent digital slides, digital histology software and tissue microarray machinery. Research and development are conducted in cooperation with the Semmelweis University, Budapest.

The broader aim is to fully digitalize the traditional histology workflow so that it can adapt to the ever growing demands of healthcare today. Furthermore, educational programs are also organized to help pathologists learn and master these new technologies easier.

#### Pannoramic<sup>™</sup> 250 FLASH Digital Slide Scanner

High capacity digital slide scanner, which is capable of high quality brightfield and fluorescence scanning in one device with the focusing algorithm, won the "image quality" award of the 1st European Scanner Contest in 2010.

#### **TMA Grand Master**

High throughput tissue microarray machine with 72 block capacity (up to 12 recipient blocks and up to 60 donor blockscanbeusedatthesametime), fast operation (drilling, punching, imaging, carriage movement, etc.), and intuitive paraffin waste processing.

#### CaseCenter

Consultation plays an ever growing role in histopathology today. But getting a second opinion is not at all easy if you use glass slides. Digital slides overcome this barrier and they also enable sophisticated database features. CaseCenter offers a full framework for effective pathology workflow.





COMPANY	WEB	ΑCTIVITY	Electromedical Equipment, Medical TechnologyTechnologies	Laboratory Equipment	Diagnostic	Phisiotherapy, Orthopaedic Technology	Commodities and Consumer Goods	Information and Communication Technology	Dental Technologies
3DHistech Ltd.	www.3dhistech.com	Producing high-quality medical equipments.	•	•	•				
77 Elektronika Co. Ltd.	www.e77.hu	Global developer, manufacturer, and supplier of in vitro diagnostic medical devices.			•				
ASS Hungary Ltd.	www.assmedical.hu	Medical furnitures.				•	•		
BioDigit Ltd.	www.biodigit.hu	Electronic equipment and electronic components, ICT.						•	
Biolab Inc.	www.biolab.hu	Culture media, Plastic disposables, Antibiotic discs.			•				
Biolabor Ltd.	www.biolabor.hu	Electro Magnetic Signal Therapy – new medical method and procedure.	•						
Celitron Medical Technologies Ltd.	www.celitron.com	Manufacturing sterilization equipments.	•						
Control-X Medical Ltd.	www.cxmed.com	Manufacturer of medical x-ray systems.	•						
Cytotech Ltd.	www.cytotech.hu	Developing robots for blood grouping.	•	•	•				
Dr Derm Equipment Ltd.	www.drderm.net	Medical and aesthetic device.	•				•		
Dentech Dental Instruments Ltd.	www.dentech.hu	Hand instruments manufacturer.					•		•
Diagnosticum Inc.	www.diagnosticuminc.eu	Innovative clinical chemistry solutions.			•				
Diagon Ltd.	www.diagon.com	Clinical diagnostic systems (instruments and reagents).		•	•				
DIA-MED Ltd.	www.dia-med.hu	Medical and mechanical equipment.	•						
Diatron MI Plc.	www.diatron.com	Producer of hematology & chemistry products.		•	•				
DigitalMed Ltd.	www.digitalmed.eu	Diagnostic equipment for the arteries.	•		•				
Digiterm Ltd.	www.digiterm.eu	High-tech medical chairs.	•			•			
Dispopac Ltd.	www.dispopack.hu	Assorting and preparing disposable surgical, anaesthesiological sets.					•		
Dispomedicor Co. Ltd.	www.dispomedicor.hu	Machinery, technology offers and customised solutions in the field of single use medical devices.	•				•		
EMD Hungary Ltd.	www.emd-company.eu	Trading of medical equipment and medical SW.	•			•		•	
Femtonics Ltd.	www.femtronics.eu	R&D of laser scanning microscopes for physiological investigations.		•					
Gebauer Pharma Co. Ltd.	www.ovupred.com	Manufacture of IVDs for selftesting.			•		•		
GenoID Ltd.	www.genoid.net	STI and genetics laboratory services.			•				
Gyógyszerfutár Ltd.	www.gyogyszerfutar.hu www.compliance.hu	Medicines home delivery, intelligent dosing solutions, web based medication compliance and therapy management software.	•					•	
Harmobile Ltd.	www.vitalmobil.com	Producing bioelectromagnetic devices.	•				•		
Histopathology Ltd.	histopat.hu	IVD reagents and laboratory instruments.	•	•	•				
Integramed Ltd.	www.integramed.hu	Software development.						•	
Innomed Medical Inc.	www.innomed.hu	Medical developing and Manufacturing.	•		•				
Innoveng 1. Ltd.	www.innoveg1.hu	Cleaning-disinfecting chemicals.					•		
Klimex Medical Ltd.	www.klimexmed.hu	Design, construction and maintenance.	•						
Labtech Ltd.	www.labtech.hu	Manufacturing PC-based ECG Systems.	•		•			•	
Mediagnost Ltd.	www.mediagnost.hu	Production and assembly of medical equipment.	•		•				
Medi-CAD Ltd.	www.medicad.hu	Vascular and obstetric dopplers, ultasonic probes.	•						
Medicor Hand Instrument Co.	www.medicorkm.hu	Design and development, manufacturing and distribution of surgical and dental instuments.	•		•	•			
Medicor Elektronika Co. Ltd.	www.medicor.hu	Clinical infant incubators, neonatal reanimation tables.	•						
Medicor Meditű Ltd.	www.meditu.hu	Medical needles.	•						
Medimetal Ltd.	www.medimetal.hu	Design / development and production of bone surgery implants.				•			

СОМРАНУ	WEB	ΑCTIVITY	Electromedical Equipment, Medical TechnologyTechnologies	Laboratory Equipment	Diagnostic	Phisiotherapy, Orthopaedic Technology	Commodities and Consumer Goods	Information and Communication Technology	Dental Technologies
Mediso Ltd.	www.mediso.com	Human and preclinical multimodality imagers.	•	•	•				
Meditech Ltd.	www.meditech.hu	ABPM, ECG and software development.	•						
Minel Ltd.	www.minel.hu	Electronic medical device R&D, production.	•			•			
MOHAnet Mobilsystems Co. Ltd.	www.mohanet.com	We provide telemetric services in application area.						•	
Momert Co. Ltd.	www.momert.eu	Manufacturing of scales and infrared lamps.	•				•		
Omszöv-Medic Ltd.	www.omszov-medic.hu	Developing, manufacturing, trading, and servicing of medical devices.	•			•			
Pi dental Manufacturing Co.Ltd.	www.pidental.hu	Manufacturing machines for dental labs.		•					•
Piston Ltd.	www.pistonmedical.com	Manufacturing lung diagnostics devices.	•		•				
POLÁRIUM Ltd.	www.sensolite.hu	Sensolite Polarized Light Therapy med. device.	•						
Protetim Ltd.	www.protetim.hu	Orthopaedic Technology.				•			
Reagens Ltd.	www.reagenskft.hu	Produces red blood cell suspensions.			•				
Sanamöbel Ltd.	www.sanamobel.com	Medical furniture.	•				•		
Sanatmetal Ltd.	www.sanatmetal.eu	Traumatology, orthopaedics, spine, dental, veterinary implants.				•			
Soft Flow Hungary Ltd.	www.softflow.com	Biotech R&D, CRO, FlowCytometry, Lab kit.	•	•	•		•	•	
Smederg Lc.	www.thermalnaturallife.com	Thermal Natural Life products.					•		
TensioMed Ltd.	www.tensiomed.com	Medical device manufacturer.	•		•				
Thormed Llc.	www.thormed.com	World market leader in disinfectable ultrasonic spirometry.	•		•				
Tomtec Ltd.	www.tomtec.com	Laboratory products.	•	•					
Ultragel Hungary 2000 Ltd.	www.ultragel.hu	Gel for: Ultrasound-IPL-ECG-Sport-Steril & Hand Sanitizer.	•		•	•			
VMD Hospital Technology Plc.	www.vmd.hu	Project management in medical technology.	•	•	•	•	•	•	
Weck-Ap. Ltd.	www.weck-ap.hu	Medical equipments export of the Hungarian factories.	•	•	•	•	•	•	•

#### ALPHABETICAL COMPANY LIST

3DHistech Ltd. 1121 Budapest, Konkoly-Thege Miklós út 29-33. Tel. +36 1 392 2222; Fax: +36 1 392 2723 sales@3dhistech.com www.3dhistech.com

3DHISTECH offers variant hardware and software solutions developed for effective digital pathology.

BioDigit / 🔊 BioDigit Ltd. 1163 Budapest, Karát u. 3. Tel.: +36 1 467 0764; Fax: +36 1 467 0764 office@biodigit.hu www.biodigit.hu

Development and manufacture of electronic equipment, electronic components, ICT, Braille equipment, microprocessor controlled circuits, multimeida contents and applications.

Celitron Ltd. 2600 Vác, Avar u. 5. Tel.: +36 27 512 267 Fax: +36 27 512 268 info@celitron.com www.celitron.com

celitron medical technologies DO IT RIGHT

3DH1STECH

Medical waste sterilization & management systems and infection control equipments.

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## Contact

#### Hungarian Investment and Trade Agency

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