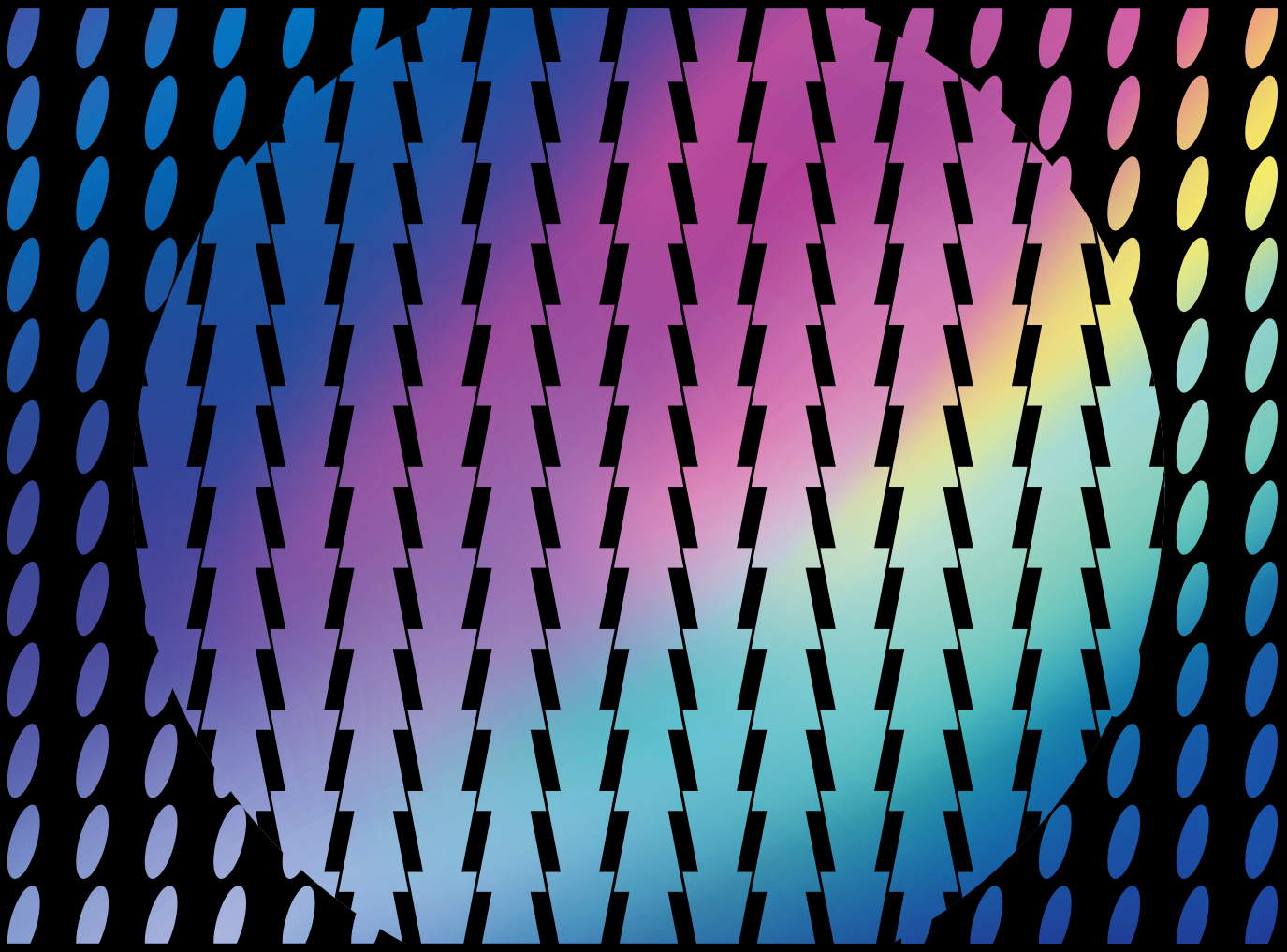
corporate brochure

with electroforming, we take the creation of micro-precision parts to unprecedented levels

veco



world leader in micro-precision

introduction

how it all started

It all started in 1934. Taking advantage of technological innovations in filter plate technologies, Veco started its journey towards uncharted territories in Electroforming and soon ventured into Chemical Etching and Laser Material Processing techniques.

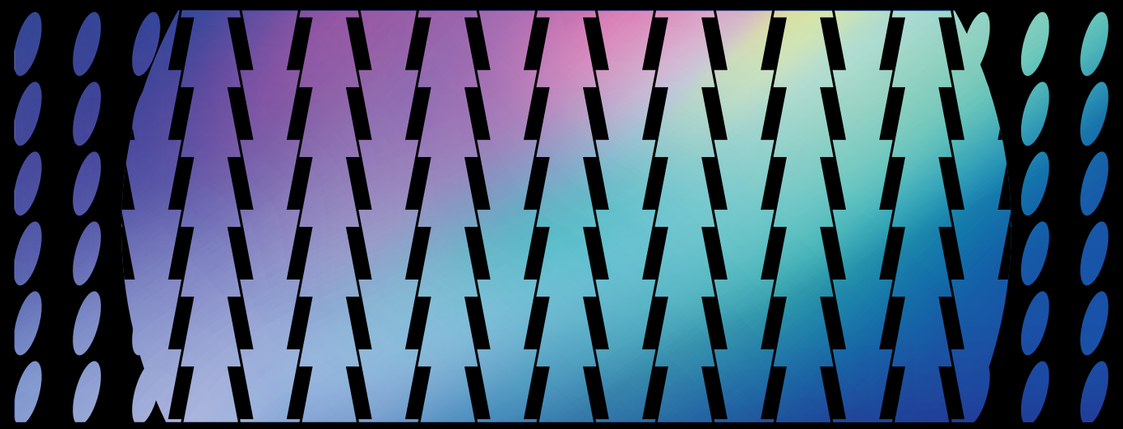
We build on a highly-valued tradition.

The tradition of producing screens and sieves goes back to ancient China. This eventually developed into an incredible, fast moving industry in which the limits of conventional Metal Machining processes are constantly being challenged. We play a vital role in this world by always pushing the boundaries further than anyone else could have ever imagined.

"Veco is now the world leader in micro-precision parts. What we do now on a daily basis and on an industrial scale would have been considered impossible in the past."

'The best way to predict your future is to create it.'

- Abraham Lincoln

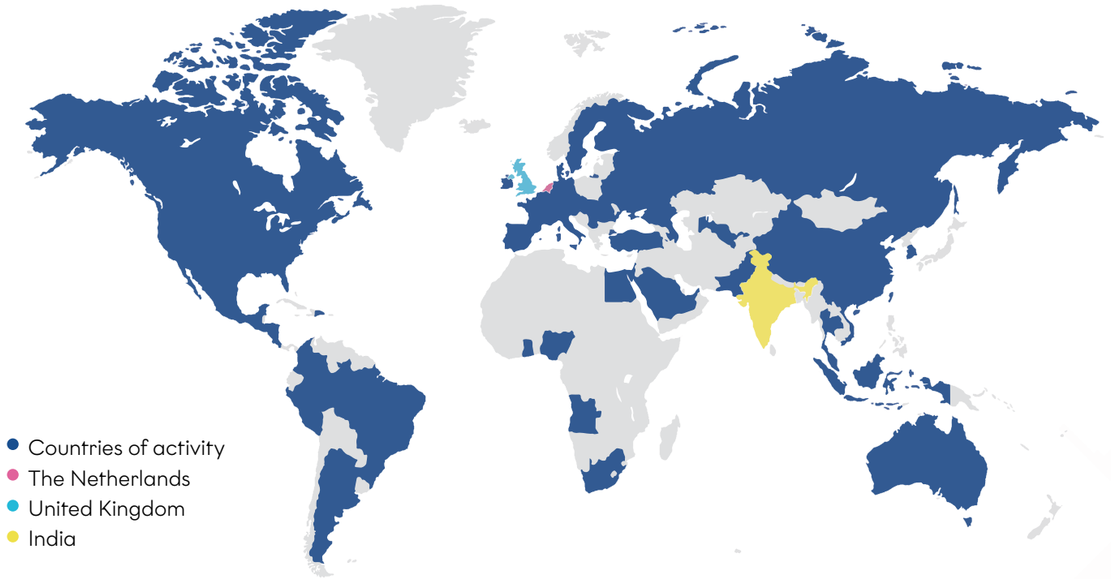


about us

world leader in micro-precision

Veco is a world-leading manufacturer of micro- precision parts. It serves the world's most innovative, hi-tech companies from industries that demand high quality and precision.

To meet customers' specifications and demands, Veco has developed high standards of performance in Electroforming. This technology allows a powerful combination of precision and economical production; for high volumes and prototypes, standard and custom-made products.



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The Netherlands
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www.vecoprecision.com

Our technological capabilities have consistently delivered micro-precision parts to leading companies across a wide range of industries across the globe.

company key facts

electroforming technology

founded in 1934

largest R&D in the industry

80 years of innovation

approx. 200 employees

55M EUR revenue

largest independent manufacturer of micro-precision parts

serving world-wide

ISO certified: 9001, 14001, OHSAS 18001

what we see happening in the world around us

Customers need industrial, cost-effective fabrication of micro-precision parts to further drive the miniaturization of their products.

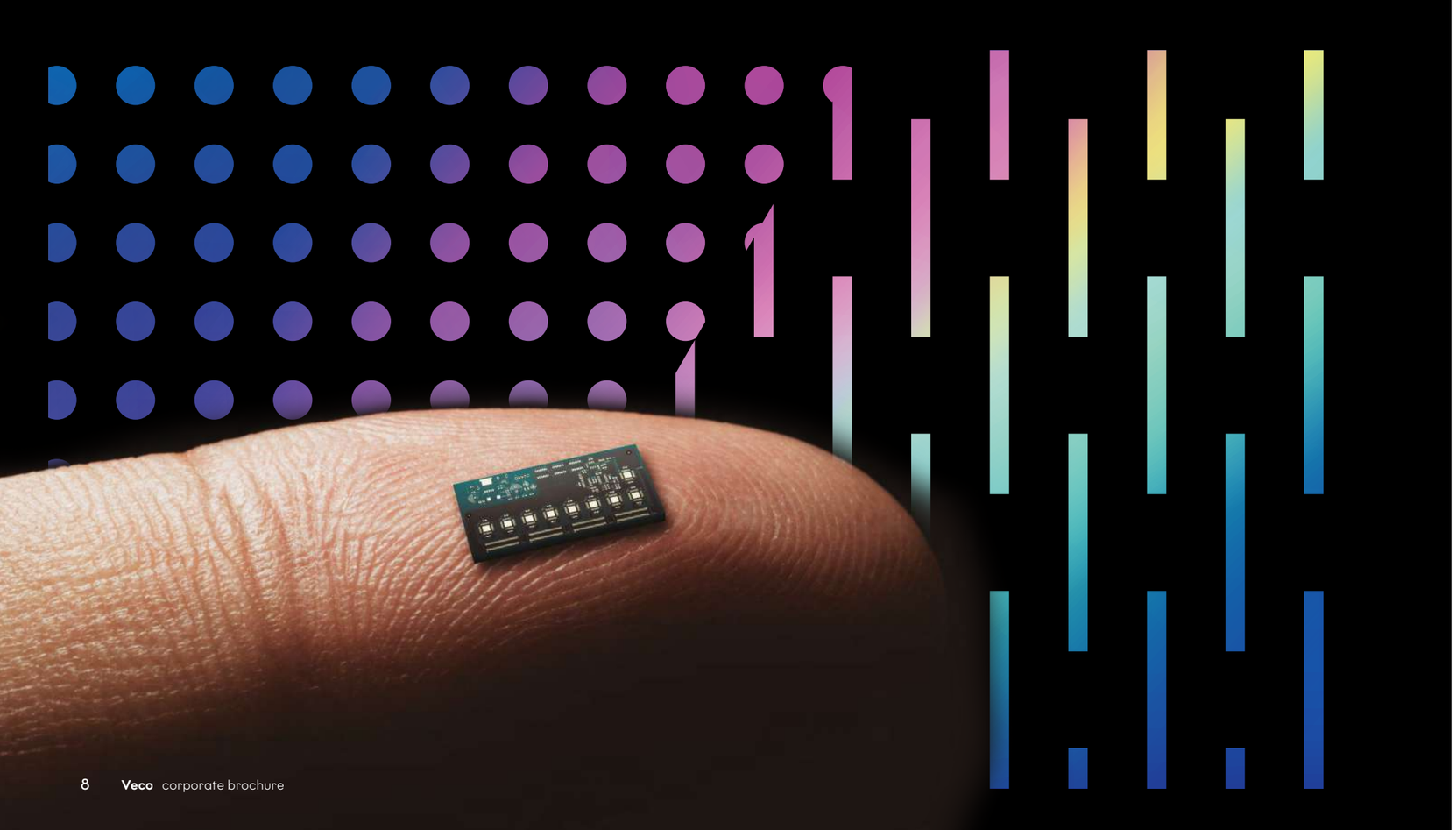
New products keep getting smaller.

There are plenty of reasons for this: smaller products can move quicker, require less material and are easier to transport. Miniaturization is no longer a wish; it is a fact. We can see it spreading across all kinds of industries.

So why isn't everyone doing it?
Because the smaller a product becomes, the more difficult it is to keep its functionality. Critical micro-precision challenges require out-of-the-box thinking, innovation and creativity paired with reliability and experience.

what we are here to do

To transform a design challenge into a micro-precision part that goes beyond our customers' imagination.



We inspire designers and product developers to go further, push the boundaries and dare to innovate even more.

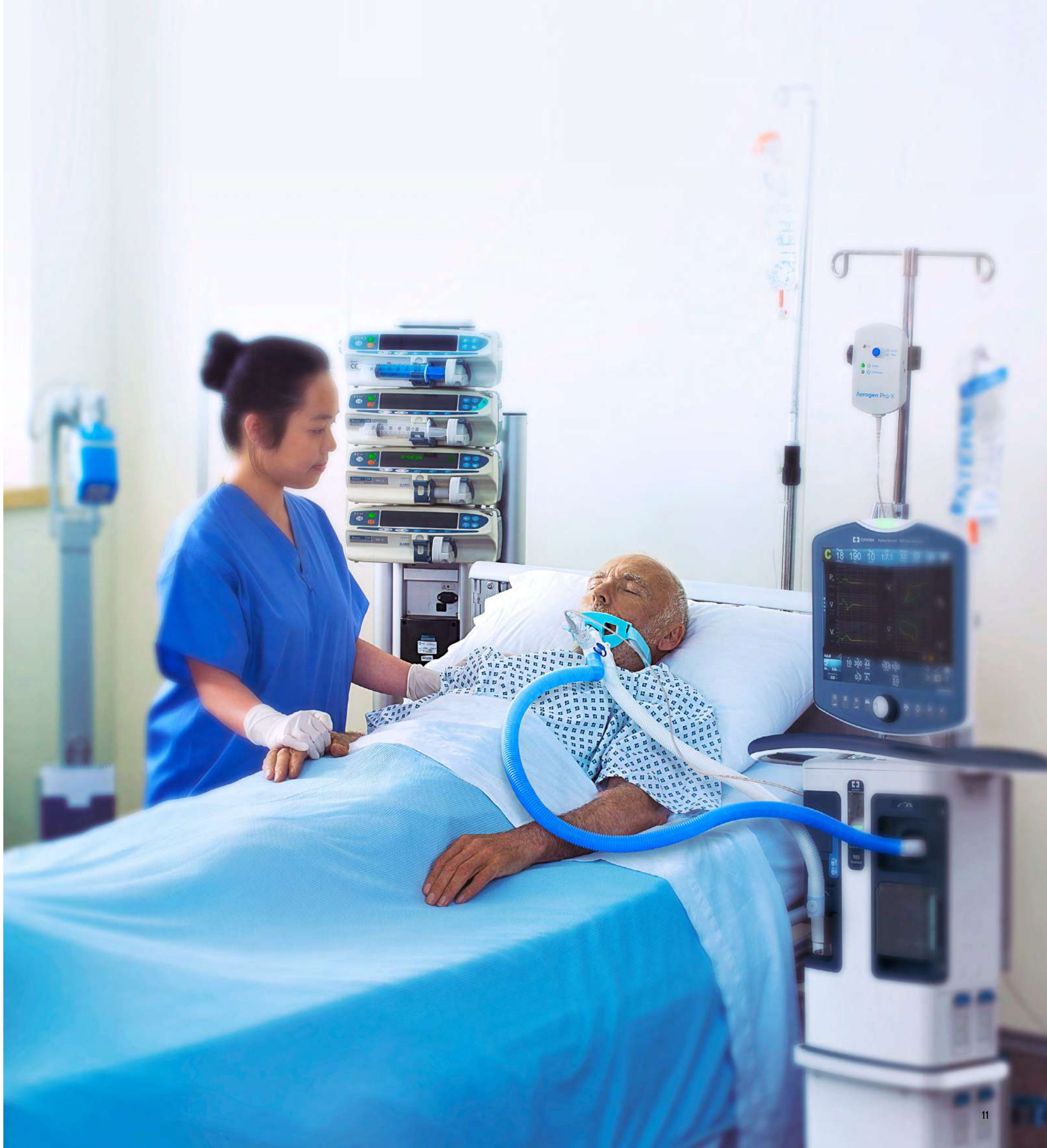
There are many advantages to making smaller products, but you have to be aware of the challenges that this implies. Designing smaller parts doesn't mean you can lower product performance expectations. Quite the contrary: the basic materials used to transform designs into actual products must perform better than ever before, since the smallest irregularity will have a much larger effect on the end result.

the reason we exist

We make micro-precision parts that enhance everyday life.

We are here to create enduring, reliable solutions on a micron level that can be applied on an industrial scale.

By creating opportunities on an increasingly small scale, we can also create an increasingly large impact.



our DNA

what guides our identity and behavior

Creative

We always find solutions.
When our customers have hit a wall, we can't wait to climb over it and invite them to join us.

Pioneering

We will try new ways.
Just because no one else has done it, that doesn't make it impossible. It's up to us to create new ways

Committed

We will make it happen.
When you're changing the world, atom by atom, you need determination and belief in the outcome.

Reliable

Performance guaranteed.
The guaranteed performance of our micro-precision parts is impressive on two levels: firstly, they meet the highest required tolerances and secondly, our quality management system will assure reliability even when our parts are produced in industrial volumes.

pushing the boundaries of **micro-precision parts**

our technology

grow metal parts atom by atom with electroforming

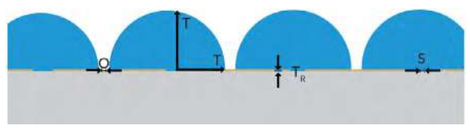
Once you've discovered the benefits of **electroforming**, a whole new world of opportunities opens up. What if you could produce, atom by atom, stress- and burr-free precision metal parts with micron scale accuracy? It would give you the opportunity to raise the bar on precision, tolerance, cost-effectiveness, and the capability to withstand higher temperatures.

Electroforming is an additive manufacturing process specialized for the production of high precision metal parts. Its uniqueness is that you can grow metal parts atom by atom, providing accurate and high aspect ratios. An electrolytic bath is used in this process to deposit metal (nickel, gold, copper) onto a conductive patterned surface; this can be steel or glass. The electroformed part can be harvested from the mandrel, once the material is plated in the desired thickness.

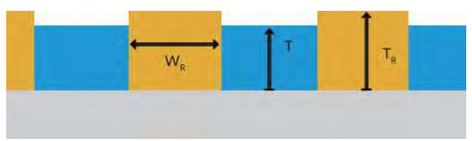
Electroforming is known as a highly accurate additive manufacturing process. It's important to know that it is also an electrodeposition process. Electrodeposition refers to the deposition of metal onto a conductive object. How is this done? Two electrodes (a +ve anode and a -ve cathode) are placed inside an electrolytic bath, containing a solution of metallic salts and a power source of direct current (DC). While the anode dissolves the material, the cathode builds up - forms - the material. In other words, metallic ions are converted into atoms which build up onto the cathode surface through a continuous deposition. Therefore, the material can be built up on micro scale accuracy: atom by atom!

Key benefits

- Ultra precision (sub-micron).
- No burrs, no stress, naturally flat products.
- Allows for complex shapes.
- Sharp edge definition.
- Excellent reproducibility.
- Low start-up costs.



Schematical cross section of an overgrowth product (in blue) on a thin photoresist pattern (in orange)



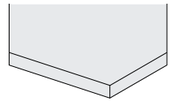
Schematical cross section of a product (in blue) deposited between a thick photoresist pattern (in orange)

electroforming process

The Electroforming process allows extreme precise duplication of the mandrel. The high resolution of the conductive patterned substrate allows finer geometries, tighter tolerances, and superior edge definition. This results in perfect process control, high-quality production and very high repeatability. This makes electroforming perfect suitable for low-cost production and high volumes.

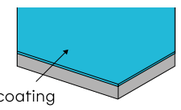
The Electroforming process can be concluded in a series of steps including Cleaning, Coating, Exposing, Developing, Deposition, and Harvesting.

Cleaning



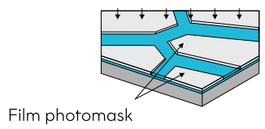
The metal substrate will first be cleaned and degreased.

Coating



The cleaned metal 'blank' is then coated with a light-sensitive coating/photoresist.

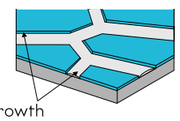
Exposing



The metal sheet is then exposed to ultra-violet light, which hardens the photoresist.

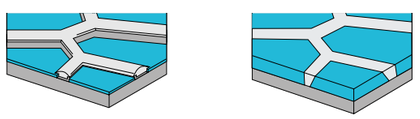
We use the LDI (Laser Direct Imaging) technology which is highly accurate. Also, with an LDI, photomasks become redundant, which significantly reduces costs and decreases lead time.

Developing



After the image is transferred by UV exposure the substrate is developed, rinsed and dried.

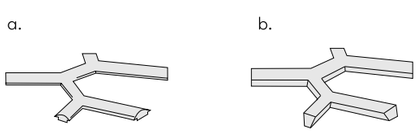
Deposition



An electrolytic bath is used to deposit metal onto the patterned surface.

The electro-deposition process involves an electrolytic solution, two electrodes, and a DC current. The DC of electricity is passed through the solution, transferring metal ions onto the cathodic surface through a continuous deposit. (Therefore, the material can be built up on microscale accuracy: atom by atom.)

Harvesting



The electroformed part can be harvested from the mandrel, once the material is plated in the desired thickness.

with **electroforming**, we take the creation of micro-precision parts to unprecedented levels

A higher level of precision.

A higher level of performance.

A higher level of industrialization.

our markets

empowering the next industry breakthrough

Veco serves the world's most innovative, high-tech companies in a diverse range of industries, from food and beverage to space, that demand high quality and precision.

As the world-leading specialist in micro-precision parts engineering with extensive technological capabilities, Veco has been working together with leading companies from various industries in innovative research and development.

Empowering innovation and enabling customers to become industry leaders

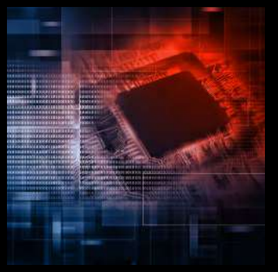
With more than 80 years experience in the market, Veco is the industry leader not only for technical capabilities and R&D capabilities, but also thorough understanding of various industries. We have rich experience in manufacturing, researching, and developing products in the following categories:

- Parts with micro holes.
- Optical parts.
- Precision parts.

markets we drive innovation for on a daily basis

Aerospace & Defence

Automotive



Electronics & Semicon

Filtration

Food & Beverage

Industrial Automation

Digital Printing

Medical

Renewable Energy

industrial automation

staying on top in a landscape of global competitiveness

In industrial automation, the competition is developing at a staggering pace. While robotics get more advanced by the day, their affordability also goes up. This development results in a significant decrease in robotics investments — and allows companies from all over the world to compete.

So how does one stay competitive in a market that's characterized by the accession of new players worldwide? Through continuous innovation. In industrial automation, this translates into the obtainment of top quality key components that enable an unparalleled performance of your primary automation assets.

Encoder Discs | Lead Frames | EMI/RFI Shieldings

medical

thriving in a world of regulation and fast-paced innovation

While the medical devices industry is already one of the most cost-intensive ones for new product introduction, increased regulatory standards from the FDA (USA) or CE (Europe) result in even higher R&D expenses. Add increased device complexity to the equation, and the price tag of innovation rises even further. For medical device manufacturers to overcome these challenges, they need to change the way they drive innovation:

A steady, streamlined supply chain fuels improved product quality, safety, and manufacturing on an industrial scale — while reducing compliance risks and costs. In your supply chain, you need a manufacturing partner that can help you design your next innovation, guide you through regulatory processes, and provide you with unmatched quality and performance of your key components. For that level of component quality, you require state-of-the-art technologies.

Precision services & features for the medical industry

- Biocompatible materials suitable for medical applications.
- Variable hole configuration.
- Orifice hole size down to 2 micron.
- High endurance and durability.
- Co-development with the latest state of the art electroforming technology.

Nebulizer plates | Flow Discs | Dermarollers | Endoscopy Parts | Test Sieves | EMI/RFI Shieldings

electronics and semiconductor

staying competitive in a landscape of innovation

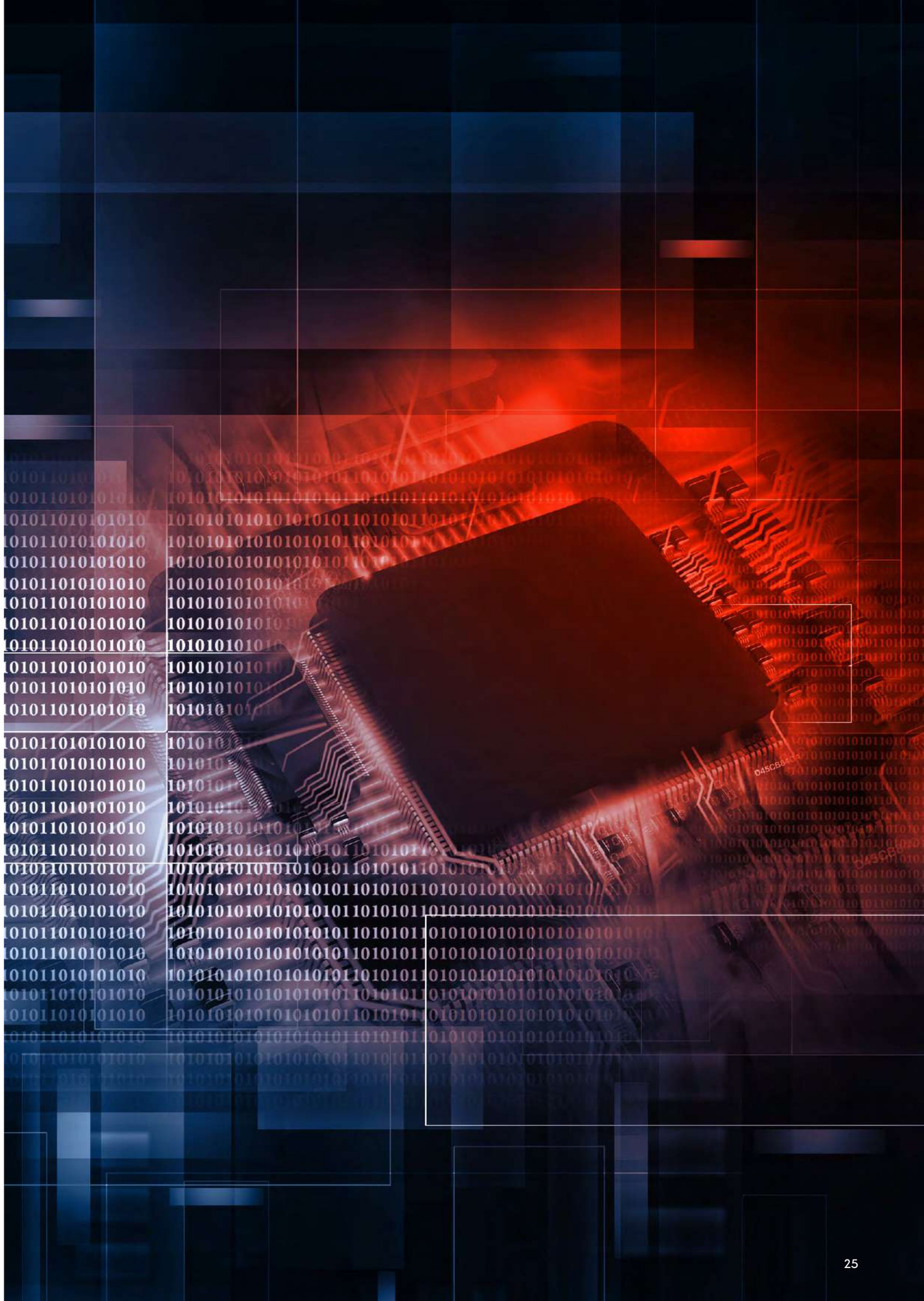
Semiconductor companies are under constant pressure to create components that are the next best thing. Staying competitive is challenging, because innovations succeed each other at a rapid rate: a chip or part that was state-of-the-art only a few months ago, may be significantly outperformed by the standard of today.

As a semiconductor manufacturer or designer, you aim to make your components increasingly smaller, durable, and powerful — while maintaining cost-efficient and sustainable production. And you need to move at a fast pace: exceptionally short lead and run times enable you to bring your innovations to the market first — a crucial aspect if you want to become or remain a market leader.

Micro-precision solutions for Electronics & Semiconductor industry

- Ultra smooth and clean surface quality; burr and stress-free.
- High precision, high lead density, ultra-fine tolerances.
- Customized solutions for complex features and complicated shapes.
- In-house plating capability.
- Exceptionally short lead & run times (deliveries in 3 weeks are possible).
- Co-development services to prototype your next semiconductor innovation.

Testing Contactors | Wafer Probes | Stepped Hybrid Lids



digital printing

your company's way to pioneer the digital printing world

From non-contact inkjet printing technology to “ink” that ranges from metal nanoparticles to living cells — the printing industry is evolving. To become a leader in the industry, you require the highest standard in printing quality.

But how do you achieve consistent, top-notch quality? Because developing the next innovation goes hand in hand with the miniaturisation of your key parts — and with determining the right materials, product properties and manufacturing technologies. In other words: finding the best solution to build your next-gen printer.

To find the absolute best solution, you need a co-development partner that is with you from the very start: someone you can design, prototype, and go to industrial-scale production with. What you also need? Micro-precision technologies to further drive the miniaturisation of your key components.

Micro-precision printing services

- Ultra precise hole geometry.
- Ultra-smooth, clean printing surface, free of burrs or blocked holes.
- Superior chemical and mechanical stability.
- Unparalleled jetting performance.
- Traceability of nozzle plates by laser marking.
- Possibility for multiple layers.

Inkjet Nozzle Plates | Lamination Plates

filtration

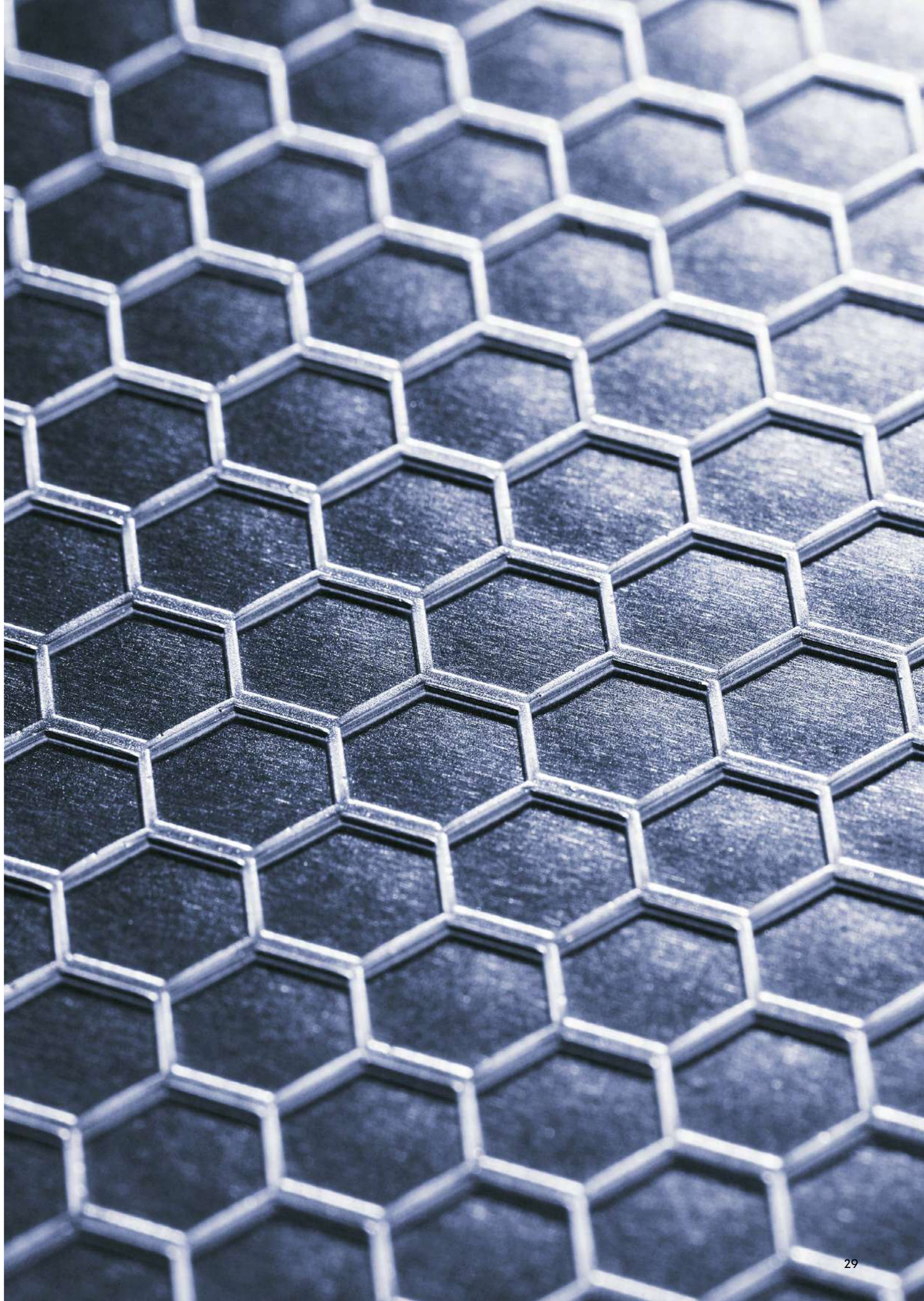
co-develop an off-the-shelf filtration solution tailored to your needs

Filtration is a complicated industry with applications ranging from liquid / solid, solid / gas filtration, light filtration, sound filtration, to separation within the water, chemical, algae, petrochemical, oil, gas, pharmaceutical, food and a wide range of other process industries.

Filtration media varies across applications/industries and has a significant influence on efficiency of production process and quality of final products.

Engineers strive to search for the right solutions for different projects/demands. What if someone can develop and customize an off-the-shelf solution for you and only for you?

Coffee Filters | Sugar Screens | Test Sieves | Filtration Sieves

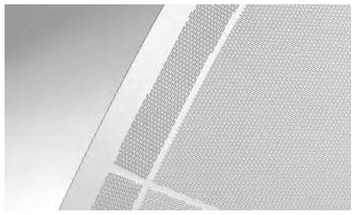


our products

parts with micro holes, precision optical parts, and high precision metal parts

Inkjet Nozzle Plate

Inkjet printers work by expelling droplets of ink onto paper, plastic, textile, and various other substrates. The most critical component of an inkjet print head is the inkjet nozzle plate. The quality of the fabricatednozzle plates directly determines the resulting printing performance of the whole system.

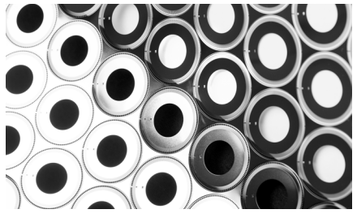


Sugar Screen

Sugar screens function in filtration process in sugar production. Specifically, a centrifugal sugar screen is used to rapidly remove molasses from sugar crystals under centrifugal force. Performance of a sugar screen directly influences the efficiency of the centrifugal machine and in the end sugar production.

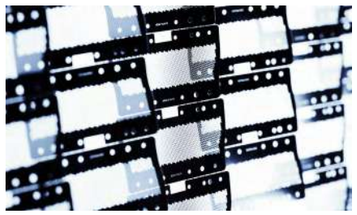
Filtration Sieve

A filtration sieve is primarily used for liquid / solid and solid / gas filtration with application in separation within the water, chemical, algae, petrochemical, oil, gas, pharmaceutical, food, and a wide range of other process industries.



Encoder Disc

Encoder discs work by translating motion into electrical signals to obtain information of speed, position, or direction. Typical applications include process and machine control, motor feedback, factory automation, conveying, robotics, high-accuracy motion control, positioning, and measurement applications.



Shaver Foil

A foil shaver cuts hair at a closer distance to the skin with a gentler touch, resulting in a more comfortable shaving experience. The quality of the shaver foil directly determines the shaver performance and shaving experience. Electroforming has been a known process to make shaver foils for its superior capability with complex patterns and ultimate accuracy.

Test Contactor

Test contactors are used to determine the performance of electrical devices like micro-electro-mechanical systems (MEMS), sensors, microcontrollers, and integrated circuits. The probes are used in for instance the semiconductor and automotive markets for pre-launch validation and production tests.

Lead Frame

A lead frame is a thin layer of metal frame to which semiconductors are attached during the package assembly process. Quality of the lead frame is of essential importance: any tiny defect seriously endangers the performance and reliability of the result IC device.

Reticle

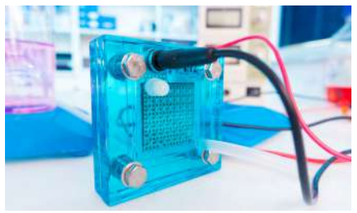
A reticle is a net of fine lines. It has wide application in all kinds of sighting devices including riflescope, telescope, microscope, oscilloscope, etc. Depending on the use of the reticles, there are many variations such as dots, crosshairs, circles, scales, chevrons, or a combination of these.

Coffee Filter

Coffee filters play an important role in the function of an espresso maker. Only when there's a good filter in it can an espresso machine function its best and the end product tastes its best.

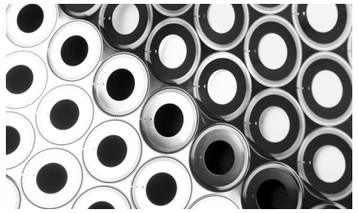
Wafer Probe

Wafer probes are used to determine the performance of electrical devices like integrated circuits and micro-electro-mechanical systems (MEMS) sensors. For example, the probes are used in the semiconductor and automotive markets for pre-launch validation and production tests.



Fuel Cell Plate

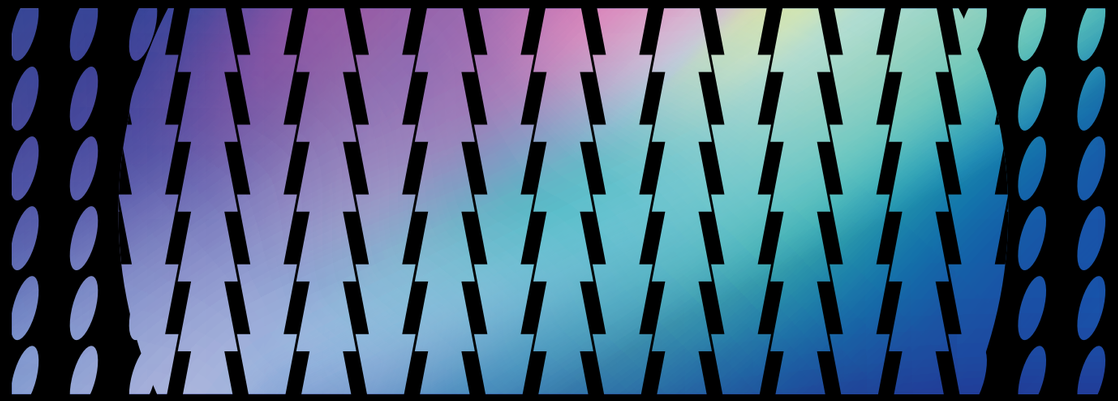
A fuel cell is a device that converts chemical potential energy into electrical energy. Proton Exchange Membrane (PEM) is one specific fuel cell technology that is highly suited to automotive applications due to its energy conversion efficiency and package compactness.



Flow Disc

A flow disc is a thin metal part with micro apertures to accurately control flow stream. It is widely used in flow meters/regulators that require high accuracy of dispensing control, e.g. flow regulators for medical dispensing, flow meters for industrial gas control, etc.

additional services



metal finishing and plating

get ultra precision and uniform deposition on any complex shapes

We offer Metal Finishing/Plating services to various hi-tech and hi-spec applications for corrosion and wear resistance, or specific functional reasons. It not only helps to increase product lifetime, but also allows for more flexibility regarding choice of base materials and improves product functional performance.

For many high-tech and high-spec applications, Metal Finishing is essential for corrosion and wear resistance, or specific functional reasons. Proper Metal Finishing not only helps to increase product lifetime, but also allows for more flexibility regarding choice of base materials and improves product functional performance.

Veco is a recognized leader for Electroplating processes with a wide range of material capabilities including gold, silver, chromium, phosphorous nickel, black nickel/chrome, ruthenium, and platinum plating. Besides electroplating, we also offer other in-house finishing services such as Passivation, Insulation, Laser Welding, etc.

Key features

- Ultra precision and uniform deposits on any complex shapes.
- Increase lifetime of valuable precision part.
- Corrosion protection.
- Wear resistance.
- Suitable for different types of base materials.

Our metal finishing solutions

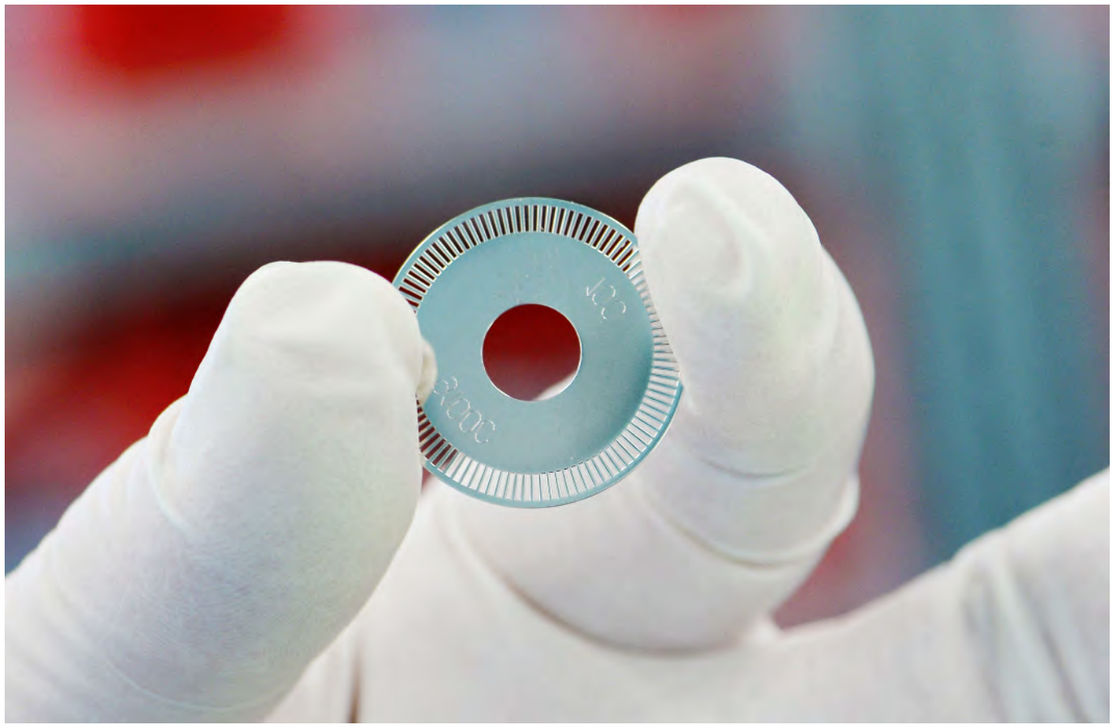
- Electroplating processes with all kinds of material capabilities.
- Passivation processes for oxidation prevention.
- Insulation processes for electrical purposes.
- Mechanical treatments such as Laser Welding.
- Resistance Welding, Forming and Soldering.

co-development process

Creating innovations that help your company become the frontrunner in its industry — that's what you do as an engineer. But setting the industry standard is challenging, especially when limited tech possibilities compromise your freedom of design, and you don't have a sparring partner.

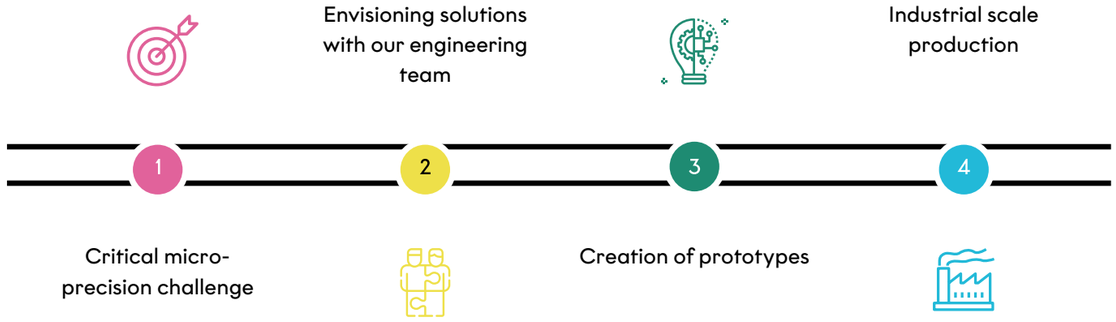
What if you had a partner to co-develop the best possible solutions for your critical components with? A partner that's with you from the very start, so that you can design, prototype, and go to industrial scale production together. Don't ever feel limited or on your own again.

Work with our specialized Application Engineering and R&D teams to create your next-generation product.



Enable continuous innovation for your business through co-development

How you and our R&D team work together: the co-development process



1 - Critical micro-precision challenge

To create a next-generation product, you require micro-precision components. In the first phase of the co-development process, we look at your project parameters and demands together so that we can design the best possible solution in phase 2.

2 - Envision solutions with our engineering team

How can we co-develop your next innovation as efficiently and cost-effectively as possible, while ensuring a consistent quality of your product? Together, we draw up the path to product development We select the most suitable manufacturing technique, define which key features to measure to ensure further optimisation during iterations, and determine the parameters for final quality inspection.

3 - Creation of prototypes

As the world leader in micro-precision parts, we are the first in the industry to use Laser Direct Imaging technology. It not only shortens lead time and cuts cost, but also allows for more design flexibility, which will be highly beneficial for sampling.

4 - Industrial scale production

After the sample is created, tested and inspected, it's time to move to industrial scale production. And we can move to industrial scale production fast because the majority of the production parameters are already in place from when we created your sample. Our philosophy is to use as much of the pre-existing production processes for the series production of your parts — something you'll notice in terms of delivery times and quality.

customer case: aerogen

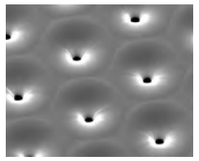
aperture plate releasing millions of micron sized medicine droplets per second

In state of the art aerosol drug delivery system enabled by Vibrating Mesh Technology, Veco's nebulizer aperture plate (mesh) releases millions of micron sized droplets per second through its unique geometry.

The key to the Vibrating Mesh Technology which re-defined respiratory treatment is the aperture plate surrounded by a vibrational element (shown below).

The electroformed aperture plate is just 5 mm in diameter and perforated with 1000 precision formed tapered holes. It vibrates 128,000 times per second, creating a mini pump that produces a fine particle mist of uniform size droplets, each between 1 and 5 microns in diameter, an ideal particle size for deep lung penetration. Clinical study has shown that this results in deposition rates far greater than that can be achieved by conventional nebulization.

Nebulizer aperture plate surrounded by vibrational element



Microscopic photo of the unique geometry of the micro holes on the aperture plate

As the development of drug delivery technologies, the industry sees an increasing demand for nebulizer nozzle plates of higher precision and quality level. Electroforming as an additive manufacturing process highly suitable for miniature structure meets this demand perfectly due to the following features:

- Highly uniform orifice holes can be formed as small as 1 micron.
- Flexible hole geometry, any complex hole pattern or shape possible.
- Ultra-precision and extreme accuracy.
- Capable with bio-compatible materials.
- Flexible and economic tooling and prototyping.

customer case: multitest

pushing boundaries by co-developing with Veco

Multitest is the world's leading manufacturer of test equipment for semiconductor's integrated circuits. It is a trusted partner that the world's most renowned semiconductor manufacturers work with. Veco has been working with Multitest since 2010 and helped them along the way to become the international leader in the industry.

In semiconductor testing equipment, test contactors are of essential importance. They are used to determine the performance of electrical devices like micro-electro-mechanical systems (MEMS), sensors, microcontrollers, and integrated circuits. The challenge of the industry lies in improving testing efficiency and profitability. Sharing Multitest's vision, Veco has been working together with Multitest to co-develop the solution to make a difference, applying an experimental approach. Instead of a traditional supplier/ manufacturer relationship, Multitest and Veco work hand-in-hand every step of the way.

This also guarantees Multitest a tailored solution that is based on their specific demands and requirements. Innovative next generation solutions are achieved, with our Electroforming technology and newly developed HR nickel, which considerably improve the testing efficiency and reliability.

Electroforming enables cost-effective fabrication of micro-precision parts on an industrial scale.
Electroforming differs from other manufacturing techniques in that it allows manufacturers to 'grow' parts atom by atom, which provides excellent accuracy and high aspect ratios. It also allows for exceptionally short lead times both in prototyping and production.

Electroformed components feature extremely clean and smooth surface which is burr- free and stress-free, straight sidewalls, sharp edges, and accurate hole sizes impossible to achieve through other techniques. In practice, Electroforming allows Multitest to achieve near-perfect process control, high repeatability, and top-quality component production – in other words, it's the perfect solution for manufacturers looking to achieve high production volumes at minimal cost.

HR Nickel makes testing more reliable and profitable.
Use of Veco's newly developed HR Nickel not only improved the reliability of Multitest's testing process: it improved the profitability and productivity of the entire business. By using a metal that is better suited to the stresses of semiconductor testing, failure rates are significantly lower, and getting accurate testing results is faster, more reliable, and more affordable, without compromising on quality.

HR nickel makes it possible for Multitest to run several million tests on their components before they show any signs of wear (Up to three times more than conventional components), and are suitable for both testing and production purposes.

multitest
Handler and Interface Product Group of
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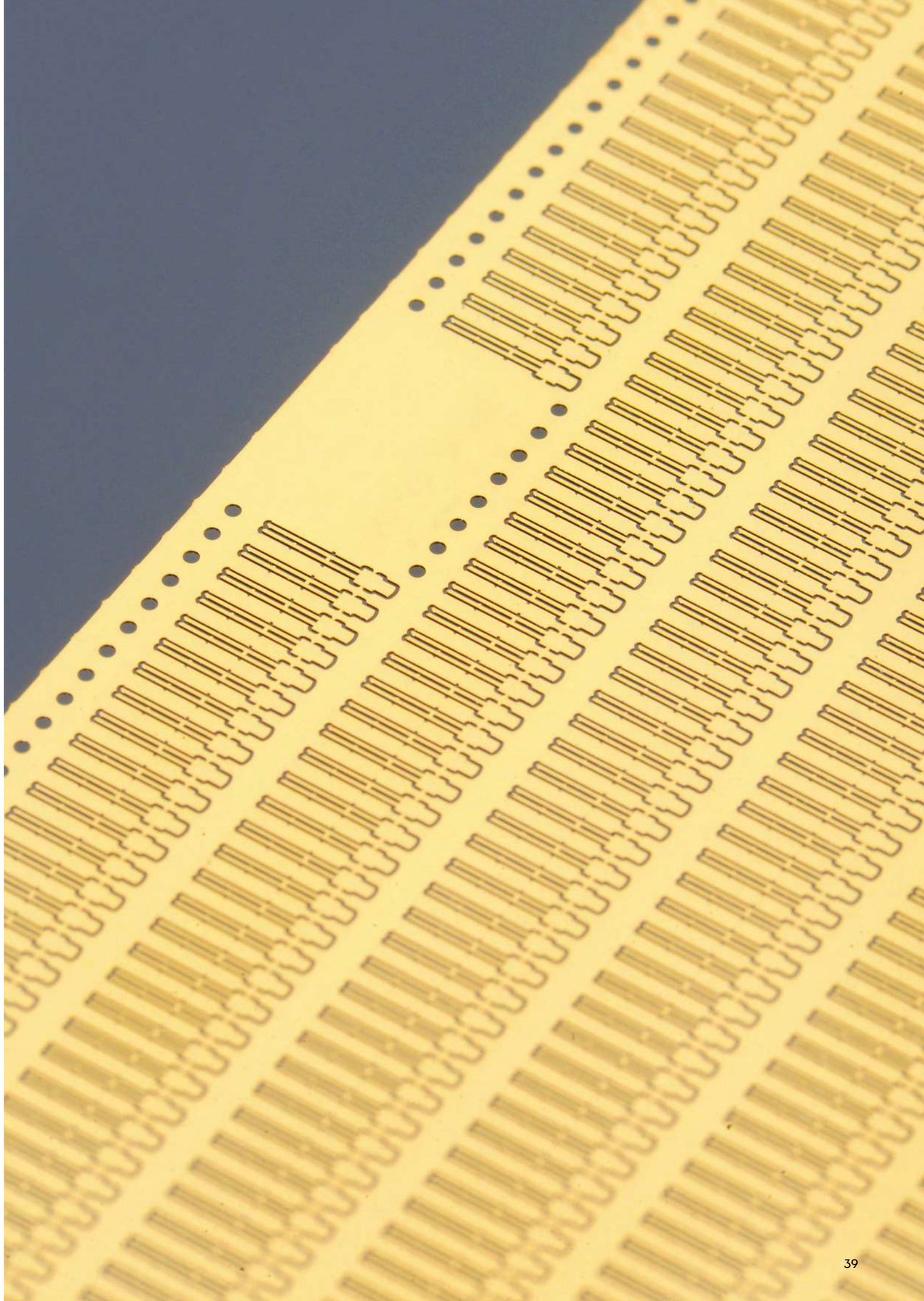


reasons to believe

proof we have what it takes to deliver on our brand promise

An unparalleled combination of precision and scale

Some companies promise small-scale innovation. Some promise large-scale impact. But we are the only one that can promise and deliver on both fronts at once.

The preferred supplier of industry leaders

Our scientific and technological progress has impressed world leaders in a wide range of industries. We enable them to push innovation into new and global territory and they inspire us to push things even further, every single time.

Dedicated employees that understand your industry and your problems.

We constantly collaborate with our customers to create more efficient, effective solutions.

From prototype to mass production

Seeing is believing. We'll show you how our innovation works and then we'll make as much of it as you need.

Largest R&D department in the industry

A dedicated team of engineers ready at your disposal.

push the boundaries further than anyone in your industry

quality & business continuity

at Veco we are serious about quality, business continuity and risk mitigation

To always provide our customers with the best quality, Veco has been certified to the latest version of the ISO9001 quality management system.

In practice, this means that during the whole production and inspection process, the products are traceable.

The quality of our processes and products is continuously monitored by:

- An in-house laboratory for analyzing the chemical processes.
- A measurement department with state-of-the art equipment to check the geometry of the products.
- An inspection department to check the visual aspects of the products - automated if possible.

To ensure the operators are capable there is a continuous training program.

Within Veco we use the Six Sigma method for continuous improvement of the quality of the processes.

Business continuity and risk mitigation

There are many ways to reduce business continuity risks. Some years ago, Veco started a business-continuity- and risk-mitigation -program. It's based on the integrated OHS&E-management system (at major hazard control level, ISO14001- and OHSAS18001-certified). We are focusing on the most important areas: Fire Risk reduction, Purchase and data

Fire risk-reduction

- Our production area is fully sprinkled and detected (this is not a legal nor an insurance obligation).
- Our emergency response team is certified and trained at least 12 times each year. The local fire-brigade is very aware of our specific production situation. An annual training together with the local fire-brigade(s) is scheduled annually.
- Wet benches are designed on a "semi-standard" level.
- Thermographic-scans and safeguard-control are part of our preventive maintenance program. All maintenance is carried out after risk analysis by certified maintenance engineer. Our work permit system is coupled with our risk-assessments.

Major hazard control

Veco does fall under the "Seveso Directive" as the result of the usage of environmental hazardous chemicals. All hazards are identified as well as all critical lines of defense as a result of our risk-analysis.

Purchase

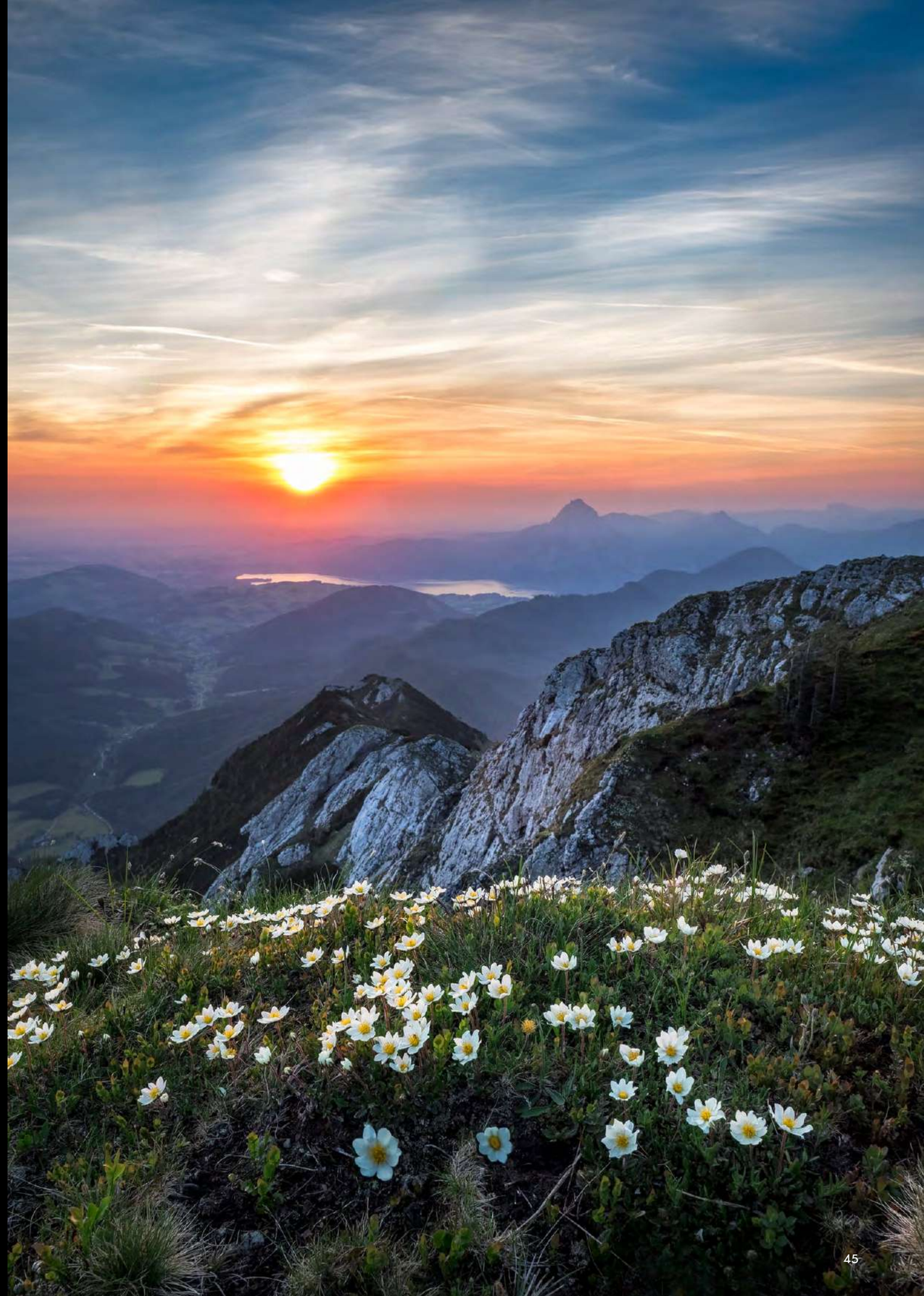
To identify the risks of our suppliers we use the "Kraljic-program". Using this methodology we are able to mitigate the risks. For strategic suppliers we conclude contracts, and also perform audits at strategic suppliers in terms of business continuity.

Data

The accessibility of data is guaranteed: 2 fully compatible server systems are installed in separate buildings and/or stored in the cloud.

are you ready to **co-develop** with us?

contact us or visit **www.vecoprecision.com**

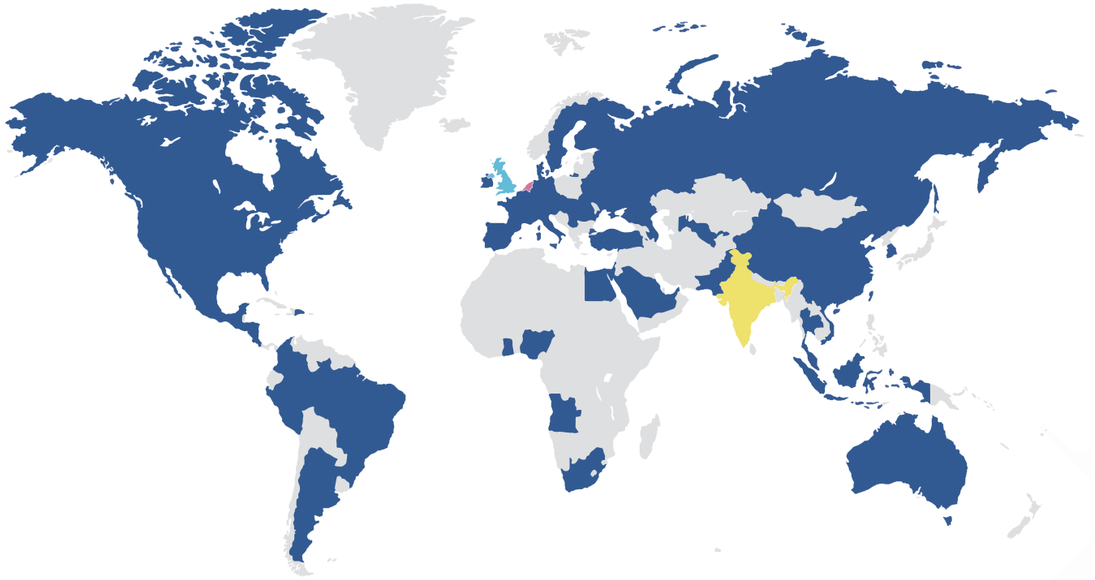


about Muon group

world leader in micro-precision

Veco is member of the Muon Group. As micro-precision components are becoming the key factor for companies when developing their competitive edge, Muon believes that offering successful small-scale answers to complex questions requires acting on a bigger, professional and global scale.

Working together enables the Muon Group of companies to push boundaries and create game and life-changing innovations. The wider joint network, greater investment power, and accumulated confidence in the potential of micro-precision empowers them to co-create smarter and more imaginative micro-scale components that are mission critical to industrial evolution and product performance.



- Countries of activity
- The Netherlands
- United Kingdom
- India

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meet the Muon family

The Muon Group consists of Centres of Excellence in the fields of Electroforming, Chemical Etching and Laser Material Processing.

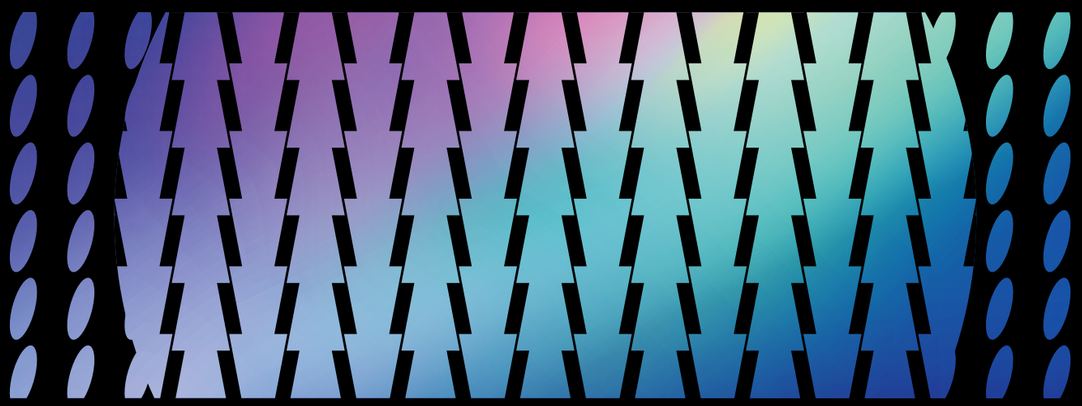
Veco B.V.
Located in Eerbeek, the Netherlands, Veco is a world-leading manufacturer of micro-precision parts. With Electroforming as its main technology, Veco serves the world's most innovative high-tech companies in industries that demand high quality and precision.

Tecan Ltd.
Located in Dorset in the UK, Tecan is a leading manufacturer of customised micro-precision parts. Using Photo Chemical Etching, Tecan quickly attracted a wide range of work from companies that recognise the advantages of etching over more conventional manufacturing methods.

Millux B.V.
Located in Wijchen, the Netherlands, Millux, formerly known as Reith laser, is a specialist in Laser Material Processing for the high-tech industry. Millux serves the industry with worldclass laser micro machining capabilities.

Atul Sugar Screens Pvt. Ltd.
Based in Pune, India, Atul is the largest exporter of nickel screens in Asia and is the industry leader in the Indian market. Today, its state-of-the-art facility with the largest independent manufacturing and testing capacity under one roof in Asia, serves thousands of customers across 5 continents.

get in touch with us



contact information

Whatever your needs, we are here to help. If you have any questions about our products or services, please do not hesitate to contact us.

Located in Eerbeek, the Netherlands, Veco is a world-leading manufacturer of micro-precision parts. With Electroforming as its main technology, Veco serves the world's most innovative high-tech companies in industries that demand high quality and precision.

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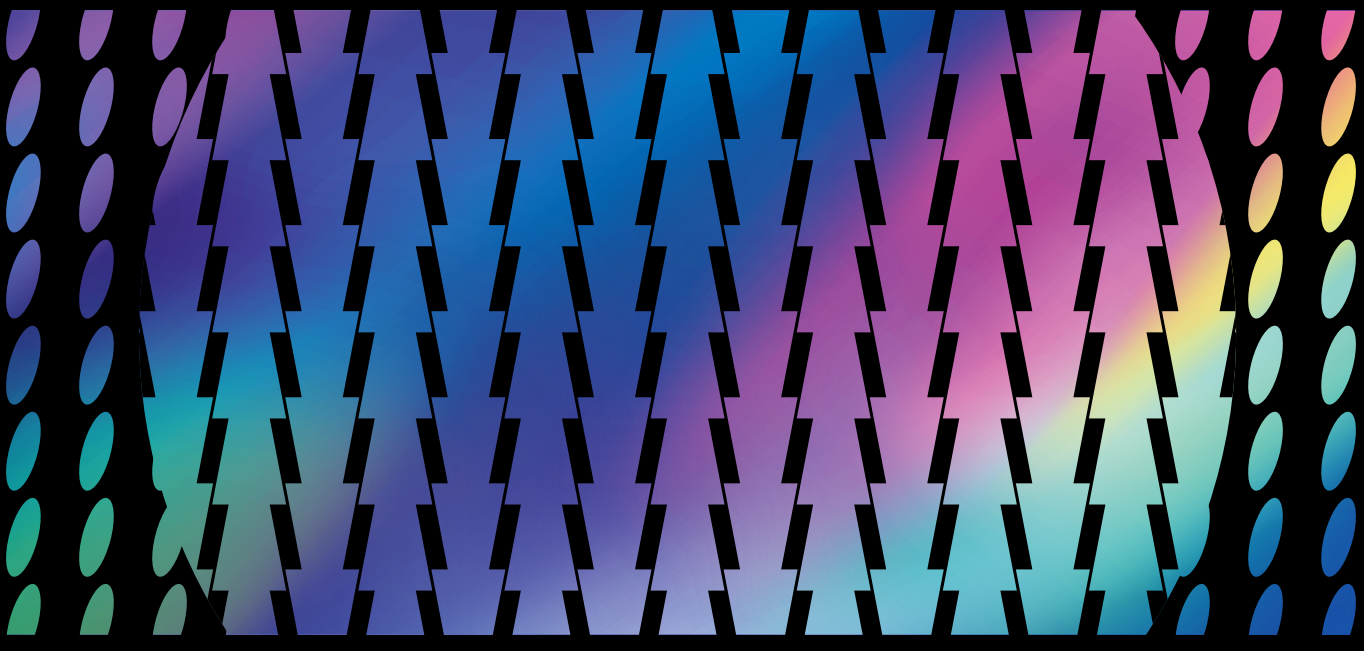

world leader in micro-precision