

# SIKORA EXTRA

Your magazine for Wire & Cable | Optical Fiber



Measurement of the total wall thickness –  
X-RAY 6000 PURE

04

50 years SIKORA!

07



Dear readers,

In 2023, SIKORA celebrates a milestone anniversary. We are pleased that we have been supporting you with our measuring and control technologies for 50 years, and that together we set new standards for the cable industry. For the anniversary, we have developed a logo that captures the spirit of the jubilee while combining pride in achievements and a future-oriented attitude. Learn more in this issue!

In addition, we present the X-RAY 6000 PURE, which was especially developed for the measurement of single layer products or the total wall thickness of cables. We also report about our all-rounder CENTERVIEW 8000 and our LASER Series diameter gauge heads, which impress not only with their measuring accuracy but also by their smart design with a swivel head.

In addition, we would like to take this opportunity to present our recently developed mission statement. You can look forward to these and other topics.

I hope you enjoy reading this issue!

Sincerely,

Dr. Christian Frank  
CEO SIKORA AG

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# EVERYTHING FOR MEASURING THE TOTAL WALL THICKNESS OF CABLES

## The new X-RAY 6000 PURE with proven X-ray technology

SIKORA has been internationally known for its reliable and safe X-ray measuring systems for more than 30 years. For single-layer applications, the company has developed the X-RAY 6000 PURE. The new X-RAY 6070 PURE and X-RAY 6120 PURE models are available for measuring cables from 6 to 65 mm (.24" to 2.56") and 10 to 110 mm (.39" to 4.33"), respectively.

In addition to single-layer cables, the total wall thickness of many multilayer products can also be measured. In combination with the ECOCONTROL PURE, a processor system with a high-resolution 15" touchscreen display, the measured values are clearly displayed and further analyzed. For measuring up to three layers, SIKORA also offers the X-RAY 6000 PRO.

The X-RAY 6000 PURE is a cost-effective, safe and powerful alternative to conventional measuring technologies. The system allows for constantly monitoring of the total wall thickness and to reduce it to the minimum tolerance value. Safety margins can be successively reduced and the automatic control keeps the dimensions within the specification. The quality assurance combined with material savings leads to a significant increase in productivity.

### The benefits of the X-RAY 6000 PURE at a glance

- Instantaneous 360° measurement of the total wall thickness, inside and outside diameter, eccentricity and ovality of single-layer cables
- No coupling medium and no calibration required
- "One Button Operation": no material parameters required
- Clear visualization of product parameters and data logging on HDD and network
- Extensive data storage options
- Automatic control of wall thickness to the minimum value (optional)
- Interfaces: OPC UA, Fieldbus, Ethernet



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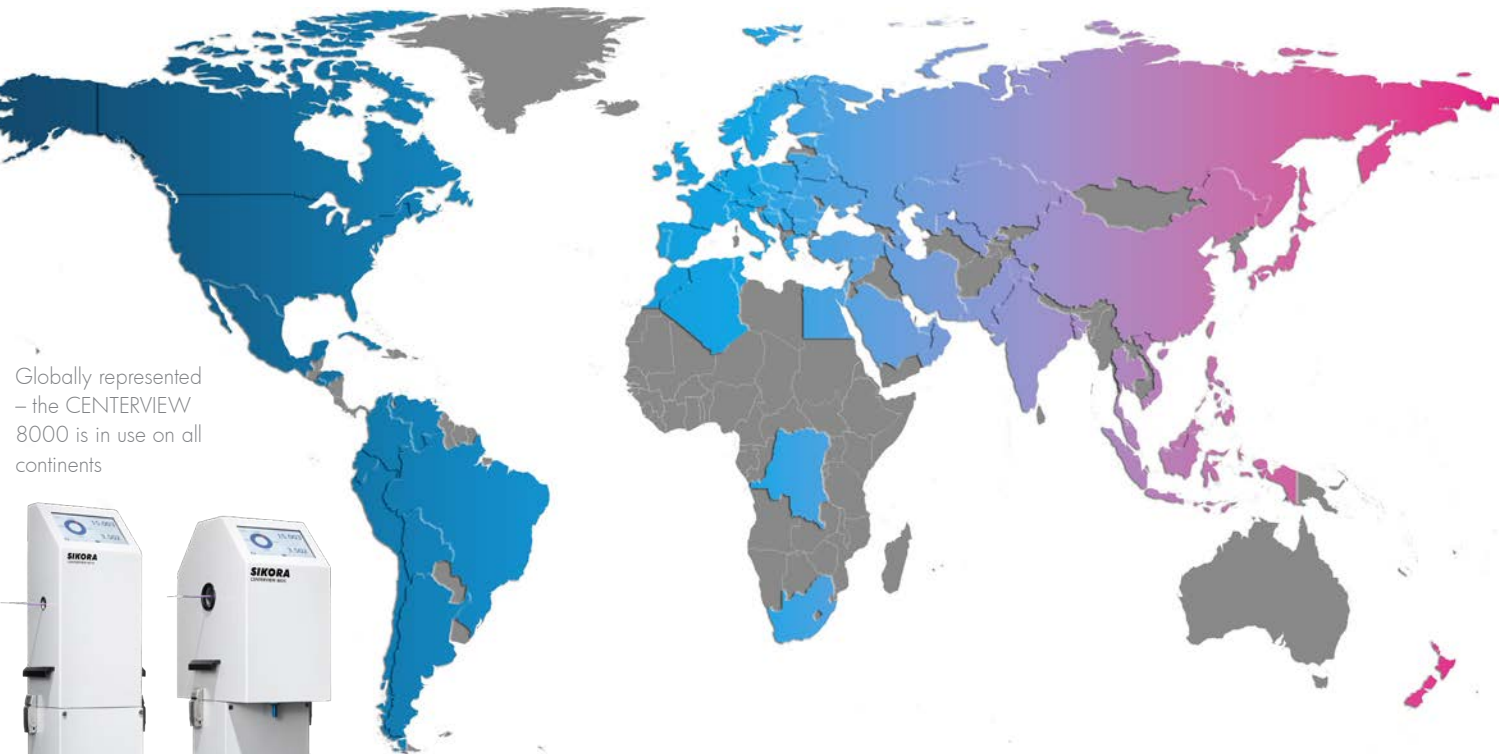


# GO FOR THE NUMBER ONE

The CENTERVIEW 8000 ensures best cable quality in your production line

For more than 15 years SIKORA's CENTERVIEW 8000 has guaranteed reliable online measurement of diameter, eccentricity and ovality in cable lines. With more than 2,100 devices sold worldwide, the CENTERVIEW product family is the industrial standard. In 2022 alone, SIKORA achieved a new record with 190 devices sold.

The numbers prove it: When it comes to eccentricity, the CENTERVIEW 8000 is set. Customers worldwide rely on the non-contact measuring system for quality control of their products, providing continuous online eccentricity, diameter and ovality measurement at highest measuring accuracy. The system measures cable dimensions and ensures minimal material consumption and cost savings while maintaining product specifications. Two models are available, covering diameters from 0.25 mm (.01") (optionally 0.1 mm (0.004")) to 10 mm (.39") and 0.5 mm to 25 mm (.02 to 1").



Globally represented – the CENTERVIEW 8000 is in use on all continents



## Did you know?

There is a great demand for high-quality cables and lines to be able to successfully manage future-oriented projects such as the expansion of the network infrastructure or the switch to e-mobility. The CENTERVIEW 8000 supports this with its wide range of applications. Whether thin coaxial cables, standard data cables, automotive cables or thicker battery cables – the system is a true all-rounder and always ensures the highest product quality.

# SIKORA CELEBRATES 50TH ANNIVERSARY

## Half a century of innovations

SIKORA proudly looks back on its company history as it celebrates its 50th anniversary this year. Since 1973, the company has been developing and producing innovative measuring and control technology to increase its customers' productivity. Ideas, passion and a pioneering approach are the mainstays of the company's success. This anniversary honors the achievements of the past and is a milestone to the future.



Harald Sikora, company founder and Managing Director of SIKORA HOLDING GmbH & Co. KG

Within 50 years, the one-man operation has grown into a globally active manufacturer and supplier of measurement, control and inspection technologies. The 350 employees in Bremen and the 15 international subsidiaries support customers worldwide with innovative solutions and service. "I am very proud and humbled by how the company has developed over the 50 years," says Harald Sikora. He adds: "Then as now, the secret of SIKORA's success is characterized by innovations that always keep the customer one step ahead in the market; our passion for the products and the consistent focus of all activities are on the customers."



Dr. Christian Frank, CEO SIKORA AG

SIKORA does not reside in its past, but has ambitious future plans. "We look with pride at our past, at 50 years of measuring technology at SIKORA", says Dr. Christian Frank, CEO at SIKORA. "The 50 years are an absolute success story written by our employees. I have great respect for this team achievement and am very proud to be a part of it. It is our claim to offer innovative solutions for our customers today and in the future. This includes further developments of existing products as well as new technologies that meet the diverse requirements of customers, such as in the areas of digitalization, circular economy and electrification. We also want to meet the demand for technical solutions for quality control from a single source and further develop our portfolio in this respect," says Frank. The close partnership with the customers is also essential for Frank in the future:

*"We thank our customers for the trust in the last 5 decades and look forward to the further cooperation in the next 50 years. We, the SIKORA team, still have a lot of plans."*

## The SIKORA anniversary logo



"For the anniversary, SIKORA developed a logo that captures the spirit of the anniversary while combining pride in achievements and a forward-looking attitude," says Katja Giersch, Head of Corporate Communications at SIKORA. Circular shapes evoke associations with cross-sections of cables, tubes and layers as well as pellets. At the same time, they symbolize a cross-section of the dynamic company history with many highlights marked by dots. The color magenta complements the typical SIKORA blue and cyan and gives the look a fresh modernity. "Three simple words sum up what SIKORA is celebrating: 50 years of groundbreaking ideas, the passion and commitment of the SIKORA team and the focus on a successful future," says Giersch.

## SLIM DESIGN WITH SWIVEL CONCEPT

### Diameter gauge heads of the LASER Series 2000/6000 – precisely fitting and flexible

The LASER Series 2000/6000 includes various laser-based gauge heads that continuously measure contactless diameter and ovality of cables during extrusion. The advantages of the devices are their unparalleled precision, high availability and production-proven design. Users benefit from the highest reliability in production and quality end products.

The compact and slim measuring heads of the LASER Series 2000/6000 prove themselves with their design. The optical components are located in protected areas so that process-related dust and dirt particles do not affect the measurement. In addition, the diffraction analysis, in which the diameter is determined from the diffraction fringe, detects unavoidable, gradually emerging contamination and reports it long before the measured values are affected by it.

The smaller gauge heads of the LASER Series 2000 are equipped with a proven multi-slot protection. The larger gauge heads, which cover a product diameter from 30 mm (1.2"), as well as all 3-axis gauge heads are designed open at the bottom so that neither water nor dirt can enter the gauge head.

A special feature is the swiveling measuring head concept, which allows the measuring head to be easily moved out of the working area. The measuring heads are free of wear parts, retain their precision throughout the entire operating life and require no calibration or maintenance.



The swiveling measuring head concept of the LASER Series 2000/6000

## A POWERFUL TEAM – SIKORA'S EUROPEAN SERVICE HUB

### Teamwork for SIKORA customers in Europe

Breaking down barriers, opening doors and flexibly responding to customer requirements – these are the cornerstones of the SIKORA European Service Hub. Since the beginning of the year, Service Technicians from Germany, France, Italy, Poland and Turkey have been working even closer together to flexibly offer the best possible customer service.

New technologies and constantly growing market demands are constant companions of everyday life at SIKORA. While the company started 50 years ago with only one device, today's product portfolio includes a variety of devices and technologies. Whether X-ray, optics, ultrasound, laser or millimeter waves – SIKORA offers the needed technology for quality control during production for every customer.

In order to provide each customer with a qualified Service Technician for upcoming tasks, SIKORA has established the European Service Hub. Since this year, Service Technicians from the Bremen headquarters (SAG) as well as the subsidiaries SIKORA FRANCE (SFR), SIKORA ITALIA (SIT), SIKORA POLAND (SPL) and SIKORA TURKEY (STU) are deployed throughout Europe.

Among other things, Service Technicians from Turkey, France and Germany have been able to jointly carry out a maintenance program for several PURITY SCANNER ADVANCED units at one location. A Service Technician from the Turkish subsidiary was able to successfully support customers in Germany and Belgium, and further Europe-wide orders are planned. This creates greater efficiency in customer service, for example, to enable shorter response times.

Another advantage is that the joint assignments of the international Service Technicians will result in an even more intensive exchange of knowledge. This means that customers receive the best possible service with competent technical expertise.





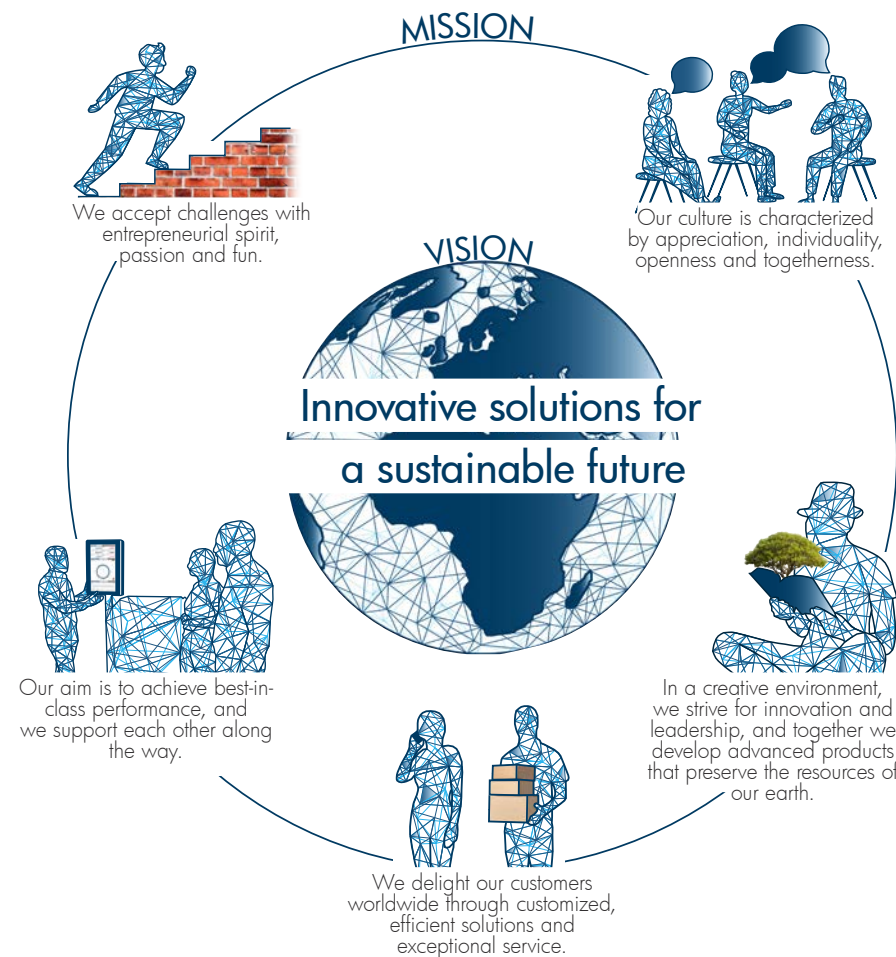
# SIKORA MISSION STATEMENT – WE ARE SIKORA

Who are we and what do we do; where do we want to go, and how do we do it?

The SIKORA corporate culture is unique and deeply rooted in history. Over many years, we have developed a very special culture, which we have written down in the "SIKORA Mission Statement". It forms the foundation on which everything is built and which helps us to achieve our goals.

The SIKORA mission statement includes four supporting pillars to shape the future:

1. The vision defines what SIKORA as a company wants to do and be in the future.
2. The mission describes how SIKORA wants to achieve the vision.



At SIKORA, we understand our mission statement as a compass for the company. It serves employees and customers at the same time as orientation and offers the answers to the questions: Who are we? What do we do? Where do we want to go? How do we do it?

Long-term planning and strategic orientation can also be derived from a mission statement. At the same time, it sets limits and guard rails to keep the company on the desired path for the future.

3. The corporate values provide reliable guidelines for daily conduct and guide decisions across all areas of the company.
4. The leadership principles reflect the principles of leadership work, how relationships and cooperation are shaped and how decisions are made.

Thus, SIKORA creates an environment for best possible results and ensures the long-term success of our company and our customers.

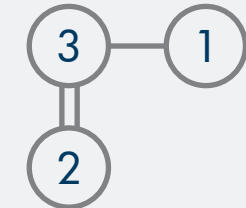
## RAFFLE



### Hashiwokakero

Connect the individual numbers with a single or double line(s). The lines may only be drawn horizontally or vertically. The height of the number indicates how many lines must touch the number circle.

Example:



To participate, email us a picture of your solution by June 30, 2023 to: [extra@sikora.net](mailto:extra@sikora.net)

The prize is one of three electric beverage warmers.



Your contact details will not be passed on to third parties. Each entry takes part in the raffle. SIKORA employees and their relatives are unfortunately not allowed to participate. Each person can only participate once. We will evaluate the first e-mail, all following e-mails will be considered invalid. The legal process is excluded.

GOOD LUCK!

## NEXT EVENTS



• Interwire | May 09-11, 23 | Atlanta, GA, USA



• IWCS | Sep 17-20, 23 | Orlando, FL, USA



• wire Southeast Asia | Sep 20-22, 23 | Bangkok, Thailand

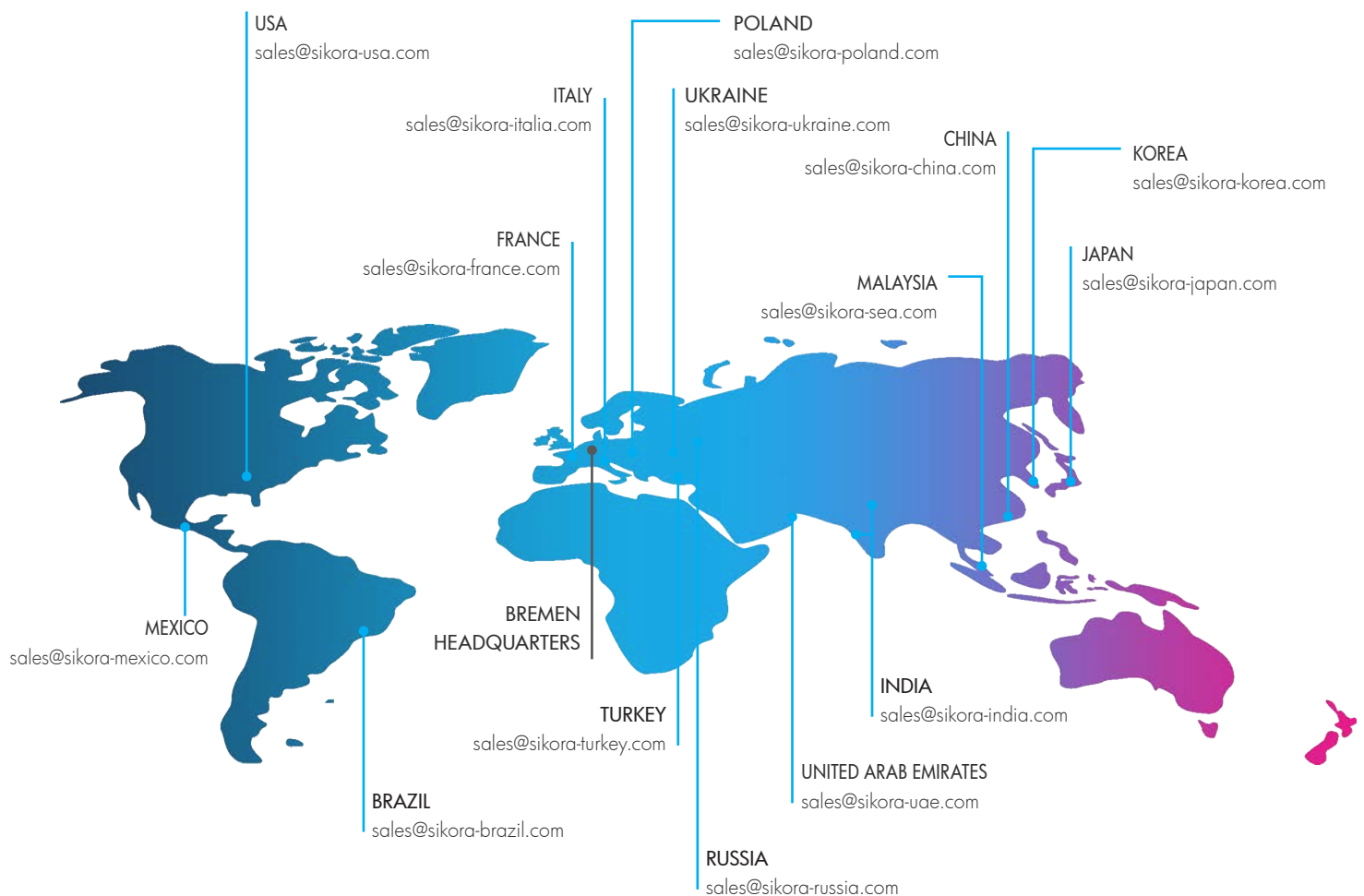
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