



FinnSonic



CLEANER
SAFER
SMARTER



FinnSonic Expert

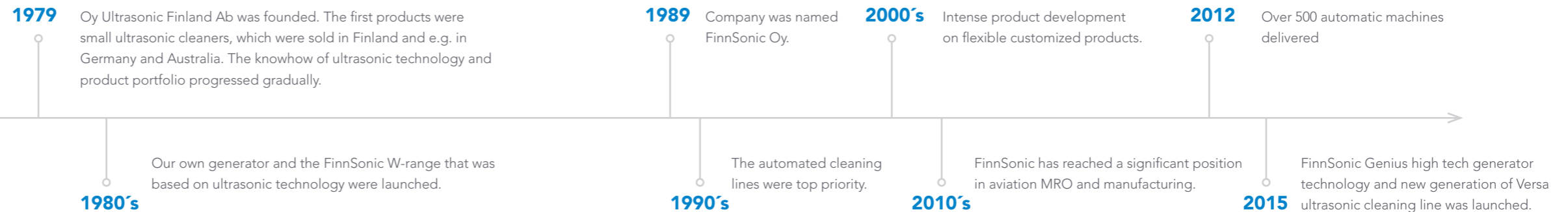
in demanding industrial cleaning and inspection

FinnSonic is recognized by its customers to provide intelligent, safe and cost effective cleaning and inspection solutions for demanding applications. FinnSonic has served its well-known and successful customers worldwide for over 35 years. Our products and systems are being used in more than 30 countries. Is your company next?

FinnSonic designs and supplies precision cleaning solutions as well as NDT systems. We reach beyond the installation of the equipment. Our team provides remote diagnostics, scheduled maintenance visits and training wherever needed.



- addicted to cleanliness





FinnSonic Industrial cleanliness

– Top quality with lower costs

Cleanliness is proven to have a significant effect in production quality, efficiency and results. Short payback time, smaller production costs and environmental friendliness form the basis of our product and service offering. In particular, our core competencies are ultrasonic cleaning solutions.

Our product and service range includes:

- » Ultrasonic cleaners
- » Both manual and fully automated cleaning lines
- » Ultrasonic components
- » Detergents
- » After sales and services

We offer parts cleaning solutions for:

- » Aviation manufacturing and MRO
- » Automotive, marine and rail applications
- » Hydraulic, pneumatic and mechanical power transmission systems
- » After machining, prior to surface treatment and product finishing stages
- » Maintenance cleaning



FinnSonic Ultrasonic cleaning

– Hard on grime, gentle on the component surface

Ultrasound is mechanical vibration with a frequency greater than the upper limit of the human hearing range (that is, frequencies over 18 kHz). The part to be cleaned is immersed into the liquid detergent, and ultrasonic frequency vibration is then transmitted into the liquid. This creates cavitation bubbles. The cavitation bubbles remove even the toughest impurities from the parts surfaces.

Benefits of ultrasonic cleaning:

- » Fast – short cycle times
- » Powerful – cleans even the hardest impurities effectively
- » Pervasive – cleans all surfaces where liquid has contact, also complex structures with holes and channels
- » Precise – removes even smallest particles down to micron grade
- » Versatile – works well with a wide range of different chemicals
- » Environmentally friendly – water based and energy efficient process



SIEMENS





FinnSonic NDT Systems

FinnSonic designs and supplies NDT solutions for the aviation industry - for both manufacturing and maintenance. Of the NDT solutions, we have specialized particularly in the FPI method. In this method, the surface flaws can be precisely recognized with a fluorescent penetrant.

The application areas are, for example, jet engine and aircraft parts, such as aerostructures and landing gear. The same method can also be used in other demanding industrial applications, for example, in the production and maintenance of automotive components and power plant turbines. The product range comprises automatic, semi-automatic and manual FPI lines.

Benefits of the FinnSonic NDT systems:

- » User-friendly ergonomics
- » Low operational costs
- » Saves processing chemicals
- » Saves floor space
- » Increased safety and reliability of inspection
- » Durability and safety
- » Intelligent combination of automation and manual handling



Contact us

We are pleased to help you in finding solutions for even the most challenging cleanliness requirements, and to offer NDT solutions for the required parts.



Our cleaning and inspection systems contribute directly to the performance of equipment and benefit our customers in the form of operation quality, improved health, safety and cost savings.

Tea Lehto, CEO, Managing Director



Our objective is to continuously improve the quality of our products and services. This objective is carried out in all stages of our production to ensure FinnSonic products and services fulfill the needs of our customers.

Timo Laatonen, Director, Procurement & Production



We design intelligent solutions for process management. The key factors are the solutions' extensibility, safety and cost-effectiveness. With remote diagnostics, we manage the supplied machines, and this way create added value by offering preventive maintenance and support services.

Pasi Vähäkuopus, Director, R&D



Together with our customers, we create a base for continuous development and ensure the success of our clients. In order to evaluate our work and our products, we ask ourselves daily: "Is this valuable for the customers?"

Vesa Nurminen, Chairman of the Board



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FinnSonic maintains certified quality and environmental programs ISO 9001:2008 and ISO 14001:2004. FinnSonic products are GOST R approved by the Customs committee of the Russian Federation Government.